

Walter Deane.

Botanical Notes.

- 1887 -
- Apr. 7 - Apr. 17 -
- Cambridge Mass. -

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During the past ten days, my wife and I ~~and I~~ have been to Chicago visiting at Mr. R. Larrabee's, 19 Walton St. We have had a most charming time, with fine weather and no rain. On the 9th & 10th of the month, the mercury was 80° in the shade and the heat was oppressive, but after that the weather was cool and agreeable. I had no chance to do any botanizing, as nature had not yet begun to start, but before we left, the grass was quite green and in Lincoln Park I saw an alder with its catkins out. I was much interested in the cable road and studied carefully the working of it. Miss Rosalind & I went for the lower station corner State & 21st Sts and saw the cable running over the immense drums. The animals in the Park were as full of interest to me as on my former visits. There were Sea Lions, Black, Cinnamon Polar & Grizzly Bears, Foxes, Otter, Bison, Elk, Deer, Prairie Dogs &c &c. We visited the new Board of Trade, a large, handsome building and listened to the confused roar in the wheat-pit. A walk on the Lake Shore gives you a beautiful view of the Lake with its smooth sandy beach. The water makes such encroachments on the land that extensive breakwaters are in process of construction. Very handsome stone structures, private residences are along the shore. On our return home by the

- 1887 -

Michigan Central R.R. we passed along the Southern Shore of the Lake by day light and I saw a number of sand dunes, immense piles of sand, with more or less vegetation. We had a fine view of Niagara Falls on our way to Chicago, and saw the mass of ice at the foot of the American Falls. The Mohawk is very interesting country. There was a good deal visible on the northern range of hills. The river was very high and the country was flooded. We reached home Sunday evening the 17th, at 11:30 P.M. It has been a most charming trip.

Ptelea trifoliata, L.

Old fruit, from a shrub in Lincoln Park, growing naturally. Chicago, Apr. 11-
Xanthium Canadense Mill. var. *oblongatum*, Gray.
 Old fruit - Roadside. Chicago Apr. 11-
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~ Apr. 23. ~

~ Cambridge Mass. ~

This P.M. Mr. G. G. Kennedy & I took the 4:45 P.M. train at the Lowell Depot in Boston and got out at Somerville and collected the Colts-Foot where I got it last year. It was in good flower. We then walked over to Cambridge and Mr. K. Staid with me a little while in my Herbarium before returning home.

*Tussilago Farfara*, L.

Railroad cuttings Somerville. In flower.  
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- 1887 -
 - Apr. 24 -
 - Cambridge, Mass. -

A clear, mild day. This P.M. I went
 through with Helen Dexter, J. B. D. and
 J. L. L. The rest of the day was
 returned by train to North Station. The
 early spring plants are beginning to appear.
 Willows, Maples, Negundo (1 ft. high) Allie
 Oak (6 in. high) Lymnocarpus etc. The
 already buds are beautiful. One
 measured 18 ft. in circumference, 5 ft.
 from the ground — Blood roots up in
 the ground, L.
 Some flowers - The rest -

- May 13 -
 - Cambridge, Mass. -

Nature has made great strides since I
 made my last entry. The early spring flowers
 are up and everything looks green and green.
 I strolled through the fields lately by the
 Pond. The Oaks were in flower, the Birches white
 are covered with a more delicate green and the
 ground is white with patches of H. and L. etc.
 gave me lately a specimen of
Ranunculus ficularis from Lincoln, with
 May 7th That plant is not common. *Carex*
stricta is in full & 4 ft. The delicate styles are
 very beautiful. I have been collecting lately some European
 plants, given me last year. Rev. T. M. May -

- 1887 -

- May 14 -

- Cambridge, Mass. -

A most perfect day cool and clear,
wind east. I took my first botanical
trip this P.M., with Mr. J. K. Churchill -
We left Boston by the 3.05 train for
So. Acton meeting Mr. Joyce by ap-
pointment at the station. We had a
tramp through the fields & woods for
2 1/2 hrs. returning on the 6.32 train -
We went especially for the fruit of
Salix tristis, which we found in fine
condition. The ♂ fl. were all gone, but
we shall get them earlier next year -
Saw *Rhodora* in flower in a swamp.
The freshness of the new foliage is
delightful. We went round Great
Hill, going to the South of it first.
Comptonia is in full flower. The *Es-*
manthus are coming up, and are of a
most exquisite color. We refreshed our-
selves at a cool spring. I left Mr.
C. at the Cambridge Station Home about 8 P.M.
Salix tristis, Ait. Open field. ♀ fruit -

Quercus ~~*princoides*~~ ^{*ilicifolia*, Wang.} roadside -

" *tinctoria* Open field - Large tree

Betula papyracea, Ait. ♂ fl. Woods ^{22 in. round 2 ft} above ground. Only 1
tree in Acton Mr. J. knows of.

Xanthoxylum Americanum, Mill. Roadside.

Goodyera pubescens, R. Br. Woods

Comptonia asplenifolia Ait. Field.

So. Acton,
Mass.

— 1887 —
— May 20 —
— Cambridge, Mass —

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Nature has taken great strides during the past week. I have done no botanizing this week. This evening I poisoned my collection of last Saturday except the *Menyanthes*. I also poisoned 63 species of a collection of European plants given me last year by Rev. T. Moring.

May 21 -
Cambridge, Mass.

Took the 12:07 P.M. train, Fitchburg Depot, and got off at West Cambridge. I went on beyond, just past the Brick Yards, in a open piece of ground, across the *Menyanthes* and found it in full flower. Mr. Joyce had told me that it was in flower now and I secured what I wanted. I walked home by Fresh Pond Swamp. Everything is beautifully fresh and green. *Viburnum*, *Rhus copallina*, *Black Cherry*, *Tricentris*, *Smilacina rotundifolia* in full flower. I saw *Myrica* *gale* with its catkins falling off. I shall collect it next year earlier. This P.M. & evening I put into the box and mounted 31 sheets, the May 14 collection and a few European plants. I read "Notes of a Naturalist in So. America" by John Ball, given me by Mr. Kennedy on my birthday Apr. 23.

Menyanthes trifoliata, L.
Bog by Brick Yards, West Cambridge. In full flower.

- 1887 -

- May 22 -

Cambridge. Mass. -

A warm day. This A.M. I went out on the River with O.C.H. Wells in his paper canoe. We paddled some 5 m. up the river to the foot of the 2nd Fall carrying the canoe over the 1st Fall. It was a very delightful morning. There was nothing very attractive along the river banks in the way of vegetation. It is farther up that the banks are so beautiful. The leaves of a *Spartina* formed a large part of the growth mingled with *Distichlis* *antherina* in full flower. In the shallow swift water, was abundance of *Callitriche* *verna* and a *Cryptogramma* plant growing on the bottom and waving its filaments in the running water.

I got *Spirogyra* by the 1st Falls. We took a photograph of the 2nd Falls and returned home as we were reaching the Landing by 2 P.M. Just below the 1st Falls near the shore, the water was actually black with small eels from 2 to 3 in. long. They were climbing up the wet rocks in trying to get above the Falls. I was surprised in the evening by a call from Prof. L.F. Ward who is staying at the Revere House with his wife. He was at Mr. Combs's

reception and he called over here with Father.
He will stay here about a week longer,
after which when he is discharged, I shall
show him what attention I can - I walked
over to Mr. Winters with him and saw his
wife. I walked to the Lyceum with them
afterwards and saw them on a run for
Boston.

Salix alba, L.: Tide M. S. Bebb

Large tree, sloping bank of Deer
River, Watertown.

May 23 -
- Cambridge, Mass. -

A hot day. Came out of town for train.
On the roadside on Raymond St. I col-
lected *Poa annua* which was abundant.
Stopped a few minutes at the Garden.
Saw Messrs. Weston, Goodale, Lusk, & Hens-
plans. Mr. West who has died lately
has left his Herbarium to the Botanic
Gardens.

Poa annua, L.

Roadside, Raymond St.

~ 1887 ~
 ~ May 26 ~
 ~ Cambridge, Mass. ~

A most beautiful clear day. During the week I have poisoned the European plants of Mr. Moore. I shall mount some of them. There are about 150 species. This P.M.

I met Prof. Ward at the Revere House and lunched with him. Mr. Kennedy was with us.

We took the 4 o'clock train for Waverly. Mr. K. couldn't go. We spent 2 1/2 hrs. in Waverly, walking here and there collecting a few plants. Prof. Ward saw some plants which he hadn't seen before. The Saks with their fresh leaves and catkins are very fine. Took the 6:56 train back. I left Prof. Ward at Cambridge. I found on my return some fresh *Smilacina trifoliata* from Mr. Fuller of Dedham. I put it in press. I was very ^{glad} to receive a letter from Barnes.

Rhus nemoralis, L.

Wood. fruit - balthan -

Platanus occidentalis, L.

♂ & ♀ flowers

Carya amara Nutt.

Hill side. Waverly. in Belmont -

Coryx striata Lam. side of Bailey's. from a spec. sent him from the same place - June 6th 1887.

tufted - edge of Clematis brook just above the falls, by the pond -

- 1887 -

- May 27 -

13

- Cambridge Mass.

A clear day warm in the A.M., east-
wind in the P.M. bringing fog and in the
evening, rain. Took the 2.40 train at the
Providence Station with Prof. & Mrs. Vard for
Forest Hills. We went to the C. Arnold
Jubilation and spent a little over 2 hrs.
in walking about seeing the Park. We
did not see any of the authorities - Mr. G. G.
Kennedy joined us before we returned. I left
Prof. & Mrs. Vard at the Prov. depot while ar-
ranging with them to go to Mr. Kennedy's to-morrow.
On reaching home, I found that the *Camassia*
Frateri, Torr. a bulb of which C. G. Lloyd sent me
was in full flower at my Father's.
Lloyd collected the bulb
and I had it set out. I collected the fruit
of it last year. So I went up to the
house and took up the whole plant and
put it in press. It will make a handsome
specimen. It has a large handsome flower
in a raceme. It is the old *Scilla*.
Camassia Frateri, Torr.
See above -

- 1877 -
 - May 28 -
 - Cambridge, Mass. -

A rainy day. I went from school to the Providence Depot for the 2-10 P.M. train for Kenilworth. Mr. Wood was there, but being so busy that he was obliged not to go on account of the storm. So I went out alone. I found Mr. Kennard alone and spent a most delightful afternoon and evening with him in his study, looking over his Natural Bridge collection made in the early part of the month. He gave me a number of specimens. I took the 9-08 train back to Boston reaching home by 10-45.

- May 29 -
 - Cambridge, Mass. -

A cloudy, stormy day, very cool. I went into Boston, this a.m. to the Rensselaer House to see Mr. & Mrs. Wood who were going to Concord. I found them at the Rensselaer Station, so they expected me to join them at Cambridge. I took my dinner at the Rensselaer House. They went by the 1-05 train and reached Concord at 2-10. Mr. Geo. S. Hoar met us at the Station. I had previously written to him to join us. Under his guidance, we walked about for 2 hrs. visiting his home, the BB

Hanging Garden, Pearly Hollow, the Green
 Shore, Hawthorne & Emerson, Emerson's
 House, Wright's Tavern, besides seeing the
 natural beauties of the town. The rain
 fortunately held off as the rain was bad.
 We reached the Old Manse by a little
 after 4 P.M. There we were most cordially
 received by Will Brewster & his wife who
 showed us up to Mr. Ward over the house. Then
 Mr. Ward with them to see the Minute
 Man and the objects about it, while Will
 & I got the boats ready to take them up
 the river. The boat went a distance up
 the North Branch, past the Hamlet.
 The river is quite full and the green
 foliage makes the view enchanting.
 We began to mist as we neared the boat-
 house on our return. A bright, jolly
 tea at the Old Manse and a drive to the
 Depot ended our visit. We left at 11 P.M.
 and at the Cambridge Station. They
 return to Newington in morning at 9 A.M.
 leaving home by 11 P.M. It has given
 me great pleasure to spend them what
 little attention I could.

Salix nigra -

This willow grows in great abundance
 on the banks of the North Branch. I col-
 lected both ♂ & ♀ fl. and leaves. I also
 & specimens from the same tree where I got
 leaves last July -
 next

~ 1887 ~
 June 4 ~
 ~ Cambridge, Mass. ~

The sun has scarcely shone a moment since May 30. Constant rain and damp cold weather have been the rule. To-day threatening clouds have overhung the sky all day long, but no rain has fallen. Mr. Blanchill & I took the 1.15 Train at the Prov. Depot for Readville to Stanize on Blue Hill. We had hoped to meet Mr. Kennedy at the Station but he has gone to Lebanon N.H. We met however his daughter, Miss Edith on the train and we drove up together to the house. I left my coat & umbrella at the house and agreeing to return to lunch by 6 P.M. we started off and had a more glorious time on Blue Hill. The wet weather has kept the vegetation as fresh and green as can possibly be imagined. We kept up the road to the Summit for some distance and then struck off to the left on a wood-road. We soon left this and entered a ravine, wild & rocky, skirting the western side of the Hill. There was plenty of *Carex Penn.* *Pitarum acerifolium*, Oaks & other trees. Soon as we were passing along through a deep dell by a wet swamp, we found a cluster of a dozen plants of *Prenia verticillata*. I was overjoyed to see this plant now for the first time. The verticillate whorl of leaves is strangely like the *Medeola* abundant in our

woods and sterile plants the two might very easily be mistaken for each other. The long linear sepals give the flower an odd appearance. Farther along in rich damp ground we found plenty of *Triostema* which like the orchid, was in fine flower. I doubt if another week will find any flowers on either of these plants. This is the first time that I have found the flowers of the *Triostema*. They are very caducous and I doubt if they are not almost ephemeral. We found the ceriferous form of *Thalictrum purpureaceum* in very young fruit and very good flowering plants of *Asplenium milium* were growing near the Summit of the Hill. I was much impressed by the view from the top heightened I think by the heavy threatening clouds which, however, never held back their rain all day. We descended by the carriage-road, reaching the house by 4 P.M. Miss Edith gave us a hearty lunch and sent us to the Station in the carriage. The hospitality of "The Pines" added much to our trip. We took the 7.01 train N.Y. & N.E., & the 7.05 P.M., reaching home by 8.25. But my plants in press.

Viola pedata, L. fr.
Rubus villosus, Ait.
 " *occidentalis*, L.
Viburnum acerifolium, L.
Hegonia verticillata, Nutt. full flower
Triostema perfoliatum, L.

Woods, Silver Hill. Milton. *Aquilegia canadensis* L.
Carex panicea, L.
 Milton - low open ground, Mr. Kennedy's place.

- 1887 -

- June 5 -

- Cambridge, Mass. -

Yesterday I mounted 58 sheets of European plants. To-day I received a small package of plants from J. M. Coulter. The weather has been clear & bright to-day, the first pleasant day for a week.

- June 8 -

- Cambridge, Mass. -

This P.M. after dinner, I took my boy and walked up through the fields toward Fresh Pond when I got several *Carex*.

Carex vulgaris, Tris., ^{with these, June 12-1887} *Tris. L. H. Bailey Jr.* from spec sent him growing

This is very abundant in a low field. It makes up the entire turf when it grows and its thickly matted root-stocks make it difficult to take up.

Carex straminea, Schk. var. *aperta*, Boott. ^{from spec sent him June 12-1887} *Tris. L. H. Bailey Jr.* from spec sent him growing with these

In a bog at the foot of the Canal on left, by the Tupper Lake.

Carex conoidea, Schk. ^{from spec sent him growing with these June 12-1887} *Tris. L. H. Bailey Jr.*

Open wet fields

Carex panicea, L. ^{from spec sent him growing with these June 12-1887} *Tris. L. H. Bailey Jr.*

Open, wet field. Not abundant.

— 1887 —

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June 11 ~
— Manchester Mass. —

A bright, clear day - Margie + I took the 2:15 train Eastern Depot for Magnolia Station, & spend Sunday with the Misses Lovering who have taken a cottage for the summer on the shore in Manchester near the Magnolia line. It is a most attractive, restful spot. The house lies some 80 ft. above the road, on a rocky wooded hill-side, not far from the water, and commands a magnificent view of the ocean across to the South Shore. With a glass, one can easily distinguish Minot's Light, Boston Light and the Inner Light. The house, built and owned by Murray Howe, is beautifully surrounded by woods. *Pinus Strobus* + *rigida*, *Quercus rubra* + *alba*, *Sassafras officinalis*, *Coccoloba rubrum*, *Catalpa bignonioides* are common. The *Pinus rigida* is in full & flower just in the condition to collect. *Pinus Strobus* is still too young. Strange to say, both of these *Pinus* were dropping the & catkins on Blue Hill, just a week ago, June 4. We were warmly welcomed and the first thing in order was a drive. We went along the shore into Magnolia some distance, passing the Crescent House and then South along the shore to the Town of Manchester. It is one continuous succession of beautiful wideness with extensive lawns and broad avenues, often bordered by natural woods which are left undisturbed as far as possible. The Beach Pea (*Lathyrus maritimus*) was in full flower

1887-

on the sandy beach, while everywhere
the *Pinus cerifera* was exposing its
♂ flowers & view. It was a most at-
tractive drive. We spent the evening in
the parlor by a log fire -
Pinus rigida, Mill.

♂ fls. & cones. Tree near the house.

~ June 12 ~
~ Manchester, Mass. ~

A most beautiful day, clear, with
a light cool breeze. We left the house
at 9:45 and drove along the line for
8 miles to Perry Farm & Church.
I noticed a good many fine specimens of
Populus balsamifera L.
It was in fine fruit. We reached home
by about 1:30. After dinner I took a
stroll through the woods near the house.
For the first time I saw *Coryzopsis*
asperifolia. It was very abundant
and very ripe. The almost bloodless
leaves of the same are very marked.
The red berries of the *Gaylussacia* and
Mitchella were abundant. I picked
a large bunch of *Cypripedium acaule*.
How attractive the rose-purple flowers
are. The *Cornus Canadensis* was in
full flower and I found a single
small plant of *Kalmia latifolia*.

I spent the evening in the park -

Erigeron acerifolius, Michx.

Very abundant in the woods - Too ripe

to make very good specimens of.

Erigeron acerifolius, Michx. (This growing with them, June 1, 1887.)

in woods

Rubus balsamifera, ^{var. canadensis} Nutt. } fruit

Erya porcina, Nutt. & L.

Roadside.

Myrica cerifera, L.

Woods & fl.

Will go to Manchester -

- June 19 -

- Cambridge, Mass. -

I have done no botanizing this week.

Last Monday Mr. Churchill sent me some very fine specimens of *Erigeron stricta* which he had been collecting the day before with the aid of a hatchet. He attacked two tussocks and said it was like cutting into a piece of wood. I pressed some dozen specimens. The form with attenuated spikes was more rarely separate than the other. Yesterday P.M. I spent with Mr. Moring in Ashland. Had a delightful talk and received some Eur. plants. He arranged about 100 tickets. I hope to go by July 12th. This P.M. I have pressed a large lot of plants. I returned from Manchester Monday A.M. June 13.

~ 1887 ~

~ June 25 ~

~ Cambridge, Mass. ~

On the 23rd I mounted 45 sheets, and this evening have distributed them. I sent the B.M. at the Gardens doing some work for Lloyd.

Heracleum lanatum, Michx.

3 large plants in the vacant lot on Concord Ave., opp. Bond St. Over 5 ft high. Lower leaf at least 5 ft long. I took 2 umbels of flowers.

~ June 26 ~

~ Cambridge, Mass. ~

This A.M. I boxed packages of *Sparganium angustifolium* & *Res. L. Michx.* I picked up a Fresh Pond in the P.M. *Rosa lucida* in full flower. *Hypericum leafy natum* well out. I fl. of *Typha latifolia* mostly by *Carex vulgaris*, Fries. (side L. Michx. from similar species but this - June 12 - 1887.) Low field near Fresh Pond, a variety of *Typha latifolia*, L.

Typha latifolia, L.

Single spike, 15 ft high the last. Leaves very broad. By foot of Fresh Pond Lane.

~ June 27 ~

~ Cambridge, Mass. ~

Put plants in the mounting box. The Grounds joined with us. S. L. Briggs called in the evening. *S. rayii*, Carey, } Low open field near the
S. squarosa, L. } rubbish heap between Concord Ave. and Buckingham St. Evidently escaped.

Side L. Michx. from similar species but this - June 12 - 1887.
 S. L. Briggs called in the evening.
 July 6 - 1887 -

~ 1887 ~

23

~ June 29 ~
~ Cambridge, Mass. ~

Last day of school. This evening I mounted 17 sheets - Joe Sordale called to see my Herbarium -

~ June 30 ~
~ Cambridge, Mass. ~

An intensely hot day. Thermometer over 70° in the shade. I finished mounting the sheets in the box today, 70 sheets in 3½ hrs.

~ July 1 ~
~ Cambridge, Mass. ~

An intensely hot day. This A.M. I distributed the sheets mounted yesterday and during the day got my things together preparatory to going to Concord to-morrow -

~ July 2 ~
~ Concord - Mass. ~

We took the 11.19 A.M. train at Porter's station for Concord arriving here at about 12 M. Hottest day of the summer here. 77° in shade. We took a short walk in the P.M. over Poplar Hill and by the river. Saw several specimens of *Centurus pygmaea* in young fruit. In the evening I went up the North Hill by railroad. *Solanum melaleuca*, L. Fruit. Poplar Hill.

~ 1887 ~

~ July 3 ~

- Concord, Mass. -

So intensely hot that we could not venture out botanizing. In the A.M. W. & I spent most of the time sitting on the bank of the river in the place close by the Minute Man. In the latter part of the P.M., we took a drive round over 9 acre-corner bridge. Found a young *Quercus Prinus* by the roadside. I spent the evening talking in the Pine-parlor.

- July 4 -

- Concord, Mass. -

Sum very hot, but rather stiff breeze all day, making it comfortable. This A.M. W. & I sailed down the river to Great Meadows and landed. I spent some time walking over the meadows. It is a very wide expanse. It is considerably over a mile long and is covered with sedges and grasses interspersed here and there with plants of various kinds. I saw in great abundance *Carex echinata*, var. *serotina*, *Staminea*, *filiformis*, *Lupulina*, *monile*, *bullata*, *Panicum di-*
chotomum, *Phalaris arundinacea*, *Calamagrostis Canadensis*, *Agrostis vulgaris*, *Thalictrum Cornuti*, L.

Eleocharis palustris. Scattered here & there were *Lysimachia lanceolata*, & *stricta*, *Hypericum ellipticum*, *Gratiola aurea*, *Eleocharis obtusata*, *Scirpus Eriophorum*, *Mentha Canadensis*, *Calamagrostis*, *Glyceria Canadensis*, *Phalaris pratensis* and various others. W. shot a young bobolink. We reached home in time for dinner - I found on the meadows a small patch of *Habenaria virescens* at which I was much pleased, as I have not seen it before.

This P.M. we went up the North Branch and I collected some willows to match my specimens of May 29th. We then rowed round to Mr. E. S. Hoar's and had a pleasant call on him & Mrs. Hoar. I have arranged with him for a trip to-morrow.

This evening, we all went on to Poplar Hill and had a fine display of fire-works which W. had provided. Beautiful full moon. *Steironema lanceolatum*, Gray.

Carex scoparia, Schk. } fixed Bailey, Dec 19-1887.
" *tribuloides*, Muhl. }

Great meadows - met with constantly.

Habenaria virescens, Spreng.

A clump of 6 flowering plants with several young plants. Took four -

Salix

From the same trees on the North Branch as the spec coll. May 29th last.

~ 1887 ~
 ~ July 5 ~
 ~ Concord, Mass. ~

Weather fair, cloudy at times. Sun warm, pleasant breeze. W. went to Boston to-day. I went to Mr. E. S. Hoar's at 9-30 A.M. We made a trip to Bateman's Pond in the northern part of the town. Mr. H's sister drove us to the Pond. We tramped round the Pond near the border, through the fields and woods. Mr. H. has collected *Sabbatia stellaris* by the Pond but we could find none. We lunched on a rise overlooking the Pond and then tramped through the woods and came out on the road we took in going to the Pond. We followed this road to the bridge and then struck through the fields to Mr. H's. I called with him on Mr. a gentleman of over 80 yrs. who showed us his garden. I reached home in time for supper. Mrs. & Miss Willard to tea.

Drosera intermedia, Druce & Hayne, var. *Americanus*, DC.
Carex bullata, Schreb. fide L. H. Bailey. Dec 19-1887.
 Low ground by Bateman's Pond.

Salix tristis, Michx.

Hillside near Bateman's Pond.

Acer pennsylvanicum, L.

Here by Bateman's Pond. A few trees -
Agrostis alba, L.

Roadside -

Poa serotina, Ehrh. fide L. H. Bailey, July 1, 1887 from similar
 spec. sent him of same with H. & E.

River bank - Mr. E. S. Hoar's Garden.

- 1887 -
- July 6 -
- Concord, Mass. -

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A cloudy, windy day, rain last night. W. went to Boston on business. I staid at home this A.M. fixing my plants and reading. M. & I drove down town on carads. This P.M., Canoll & I drove in the buggy with Charlie to So. Acton where I wanted to collect a few specimens from the plants I collected from last May 14. It was a lovely drive, part the Prism and straight on to So. Acton. We were gone some 3 hrs. Noticed *Asclepias* & *the obtusifolia* by the roadside. The *Lilium Canadense* & *Philadelphia* are just coming out. (*Canothus Americana* is very abundant throughout this region.)

Salix tristis, Nutt.

From the very same locality as the specimens coll. last May 14. This dwarf willow covers the fields where I coll. these specimens in large patches somewhat like the *Wound Juniper*.

Quercus ilicifolia, Wang.

" *tinctoria*, Benth.

From the same tree & shrub as the spec.s coll. last May 14 -

~ 1887 ~
 ~ July 7 ~
 ~ Concord - Mass. ~

A beautiful day, clear & cool - Went to Mr. E. F. Hoar's this A.M. with W. to see a humming bird's nest with young.

To Ball's Hill this P.M. with W. & Mr. H. Beautiful trail - Never saw the river look more attractive - Wandered about the marshes at the Hill - *Pogonia oph.* & *Carex monile* in great abundance - Nothing new - Returned by 7 P.M.

(*Carex aperta*, Schk. *Idem*, *W. B. Bartr.*, Dec. 19-1887 ~

Low ground near the river at the foot of Ball's Hill -

~ July 8 ~
 ~ Concord - Mass. ~

A clear day with breeze - Sun hot - Cool in the P.M. This A.M. W. & I drove to So. Acton and visited the *Xanthoxylon* and the *Quercus tinctoria* of July 6 - Mr. pro-nounces it sure *Q. tinctoria* - In the P.M. we drove down through Lincoln into Lexington where W. showed me a remarkable Elm Tree with twisted branches - Chestnuts in full flower. Black Birch in abundance - Beautiful views. Came home by Sandy Pond - Have driven nearly 30 m. to-day -

~ 1887 ~
- July 9 -
~ Concord - Mass. ~

29

A cloudy day, Thunder in the P.M., rain in the evening. This A.M. W & G drove to Sandy Pond and spent some 2 hrs there by the Boat house some 5 min. walk from the road while the house was being Rhod. By the Boat-house is a grove of some 2 dozen trees of *Quercus Prinus*. They were of various sizes, the largest being $53\frac{1}{4}$ in. in circumference 2 ft from the ground and at least 50 ft high. We took home some seedlings. There were a great many Black Birches all around in the woods some of them good sized trees. Carroll met us and we got home in time for dinner. A. A. Purdie came up this P.M. We went up the North Branch above Sibbalds. Cool and quiet. Changed blotter this evening. I have found nothing to put in press for the past two days. We found several clumps of *Helianthus* on the North Branch.

~ 1887 ~

July 10 ~

Wine & Mass. ~

Wooden obelisk, Torr.
Rocks. Martha's Point. But one plant seen.

A bright pleasant A.M. Leaving P.M.
A. Pondri, W. & I started up in the river
at 11 A.M. in the two boats. Sailed part
of the way. Landed at Martha's Point
and landed. We caught in a very
heavy Thunder Shower, but by using the
sails for protection, we managed to
keep pretty dry. Then proceeded up
across Fair Haven Bay, and about a
mile beyond. River banks beautiful
and picturesque. Lined with Cephaean
Thorn Knots, ~~Tamarix~~ *Salix* *veredus*,
Prunella *rubra*, *Evonia* & *Kalmiana*
lymphalea. In Fair Haven Bay found
Ranunculus multifidus fruiting in great
abundance. Landed at the Bay and
went into the woods towards the cliffs
to hear the Hermit Thrush, rare about
here. Heard 3 of them. Beautiful note.
Landed at Martha's Point again, & es-
cape a heavy shower. Beautiful sunset.
Got as far as Mr. Hobbs' boatman on our
return, before the rain again overtook us.
Got into the boatman and stood there for
one hour in the dark. Then made for home
reaching the boatman at the house
at about 9-30 P.M. Were glad of
a hot pepper.

Ranunculus multifidus, Single-
fruit. Fair Haven Bay

- 1887 -

31

- July 11 -
- Cambridge, Mass. -

A rainy, muggy day. We left Concord
to-day by the 9:57 A.M. train. Have
spent the day getting ready for Nantucket.
I am drying my Concord collection as
quickly as possible. See L.H. Bailey, i Dec 10 1887.
L. H. Bailey Bignonioides, Walt.

Waterhouse St. in Miss Ware's front
yard -

Have received letters to-day from
Churchill, Kennedy, Lloyd & Bailey -

- July 12 -
- Nantucket Mass -

We left Cambridge this A.M. and took
the 1 P.M. train at the Old Colony Depot, arriving
here at 6:30. The weather was clear and
cool and the sea smooth. Mr. Morong met
us at the wharf and directed us to our
boarding house, Mrs. Temple's, Pearl St.
My cousin Edward Gray came with us. After
supper, Mr. M. called and we arranged a
trip for to-morrow to Miacomet Pond.

~ 1897 ~
 ~ July 13 ~
 ~ Miamet Pond, N.H. ~

A clear hot day. Mr. Moring and I started off by 9 A.M. and worked in Miamet Pond where we met a man with the boat Mr. M. had engaged. We found a place to launch it among the Tjishas that line the shore and then I rowed Mr. M. entirely round the pond while he used his rake searching for aquatic. We found the pond singularly free from growth of all kinds. Potamogeton perfoliatus and Ceratophyllum we found considerable of. We lunched by the pond side and I made a sketch with a fine view of the moors stretching out before us. We worked back home and Mr. M. showed me the *Erica tetralix* & *Calluna* which was sprouting among the introduced vines south of the town. Reached home by 4 P.M. I went to Mr. Stanish in the evening and Mr. Given gave me a number of plants.

side M.T.M.

- (*Potamogeton perfoliatus* L. narrow leaved form.)
Ceratophyllum demersum L.
Valisneria spiralis L. young plant.)

Miamet Pond.

Bromus tectorum, roadside, in the town. Pleasant P.

Polygonum Perfoliatum, L. }

" *Hydropiper*, L. }

" *Mianet Pond*.

Sigmarium Bernadina, L. Thore -

Erica tetralix, L. among pines ~

- 1887 -
- July 14 -
- Nantucket Mass. -

A clear day, with cool breeze. This Am.
Mr. M. & I took the little steamer at 9 o'clock
and went up to Wauwinet which we reached
at 10 o'clock after a most refreshing sail. We
walked over the beach to Corkata Pond, where
we went entirely round. The shore is quite
open and the pond has mostly a white sandy
beach. Mr. M. was rejoiced to find a very fine
Chaca crinita var. *leptocarpa*! He found it
growing from the shore to 3 ft in depth and it
grows round the entire pond. *Pot. pectinatus* &
Rubia are in great abundance. There are all
we found in the Pond. We went some distance
beyond the pond, nearly to the Life Saving
Station and had a pleasant talk with the
Keeper. Found the *Opuntia* abundant
among the Cedars. Returned to Wauwinet
and found that Mr. and my cousin had come
up in the steamer. We all went back to-
gether. In the evening we went to Mrs.
Matthew Lammers' where Mr. M. is staying
and spent a social evening talking and listening
to reading by the various members of the family.

Side (L. margin)

Chaca crinita var. *leptocarpa*, A. B. var.
Corkata Pond. Very abundant.

Potamogeton pectinatus, L.

Fruit. *Pot.* in various on the shore - Corkata Pond.

Typha angustifolia, L.

Junus Gerardi, Loisel.

Alnus mollis, Mx.

Opuntia

Corkata.

very good in seed -

~ 1887 ~

~ July 15 ~

~ Nantucket - Mass. ~

A beautiful day, clear and cool -
 At 9 A.M. Mr. M. & I drove in a carriage
 with Mrs. Owen and a friend of hers on the
 Sciasconset Road to the 6th mile stone where
 we left the carriage and pushed south over
 the moor by Philips Run to Tom Neve's
 pond. *Thurnum mollis* is abundant and is
 very handsome, covered with its white flowers.
 There were too many ticks for comfort
 we walked quite round the pond and found
 absolutely no *phaenopus* plants! On the
 sandy shore we were delighted to find the
Utricularia subulata which was quite new
 to me. They were picked up here by our
 friends and taken along the shore for a
 short distance. Found *Carex* but took
 none, as it was in no condition. We walked
 along the creek near the shore exploring the
 small ponds by the way as far as Surf, the
 landing not very much. Mr. M. makes a collection
 of the contents of each pond. One was choked
 with *Ruppia* & *R. pectinatus*. At 1 P.M. we
 the train we reaching town at 4:30 P.M.

Utricularia subulata, L. }
Prosera filiformis, Raf. Bud. }
 Shore of Tom Neve's pond.

Ruppia maritima, L.
 From a low tide flat.
Tephrosia Virginiana, Pers.
 Thorns.

~ 1887 ~

~ July 16 ~

35

Nantucket - Mass. ~

A beautiful day rather warm, July 17.
This A.M. Mr. M. & I went over the marshes on the bay and explored the various creeks. The Typhas are very abundant and we found a form that it is said is very common to the Augustia & latifolia. The other side in the morning - This P.M. Mr. M., Mrs. Starbuck & Miss Green called and we all went over the Cistaceum and saw many interesting curiosities. Gas of a Sp. -
V. M. M. & I then walked down to the Nantucket Hotel and on the beach found some fruiting grasses. First is the plant that the tide comes from the beach with its long ribbon-like leaves. Home to tea -

Botanocyon pulcher (Tuckerm.)

Brasenia peltata (Rursh.)

Glyceria aquatica

Phragmites communis (L.) Rich. T. F. Allen.

Small pond at the junction of Orange St. and the R.R. crossing.

Typha latifolia L. pollen grains 4-celled.

Abundant by the R.R. track near the salt-marsh of the bay - This form was growing with the typical *T. angustifolia*.

Zostera marina (L.)

Tossed up on the sea beach near the Nantucket Hotel.

~ 1887 ~

~ July 17 ~

~ Nantucket - Mass. ~

A beautiful day, clear till the middle of the P.M. when it clouded and began to rain between 5 & 6. Warm Am. - Cool P.M. I staid in my room this Am. read and changed my blotter. This P.M. I got a horse & buggy of Capt. Rule near by and Mr. & I started out for a drive. We took the Siasconset Road as far as Bloomingdale and then took a road south to Tom Nevers Pond. In this road which turns in just west of the house, on the right of the road next beyond the white house on the hill on the left, I found the *Schwalbea* abundant. I knew it was somewhere in this locality and I was delighted to see it for the first time growing. At Tom Nevers Pond, I got a few specimens of *Utricularia subulata* which I put immediately into a book. We drove back from the Pond over the moors in a no. westerly direction and came into the Siasconset Road at the Cat Agricultural Grounds. Home to supper. This evening we called at Mrs. Starbuck's. I have arranged a trip to Bodys with Mr. M. for to-morrow if pleasant. It rains hard now.

Schwalbea Americana, L.

Moss. Bloomingdale.

Utricularia subulata, L.

Shore of Tom Nevers Pond.

~ Nantucket, Mass. ~

A glorious day, cloudy and cool. Mr. Murray & I started off at 9 A.M. with a horse and buggy and drove through Lualaba, Bodipis, Luanan, Lachacha, and Luidrut. He constantly kept the horse tied to a fence, in order to escape some pond or bog. The *Typha angustifolia* which is the only species that we can find is excessively abundant and assumes the most remarkable forms, being as large as the *T. latifolia* and again as small as a slate-pencil. We drove round Lachacha Pond and found the *Ruppia* piled up in wirrows on the beach. We reached home at 5 P.M.

Typha angustifolia, L.
Juncus articulatus, L. } in sand.
J. *acuminatus*, Nees
J. *var. legitimus*, Engelm. }
Iris virginica, L. (fruit)

Low ground ² *Lance* Podpis
(*Carya tomentosa*, with Podpis 10 ft high.
Border of bog. ~~Lance~~ - Saw two trees.
... bufonius, ...)

" *acuminatus* Myx., var. *legitimus*, Engelm. *Side T. Manx*
Boerhaavia pauciflora, R. & M.
Rumex maritimus, L.
Boerhaavia cylindrica, (Willd.)

Sandy shore of Luchacha Pond -

Typha angustifolia L. Bog by Lachecha T. d.
Thymus *modicum* *isiriann*, M. Low some dozen clumps.

Protophyton Sakelianus found in Lucine-

Urosella aquatica L. var. *teminica*, x. Th. Jack. 1851.

~ 1887 ~
 ~ July 19 ~
 ~ Nantucket - Mass. ~

A beautiful day, light clouds and a cool breeze. Mr. M. & I started off by 9-45 A.M. with horse & buggy. I never enjoyed a day's drive more. We went through Quaker and Wauwinet to the Wauwinet Farm about $\frac{1}{2}$ m. from the steamboat landing where we stopped and had our lunch and feed the horse. Then we went south on the road nearest the sea, exploring the little ponds on the way, to Laidnet.

There we hired a boat and went out on Sackbecha Pond, which has in it nothing but Ruppia & Potamogeton pectinatus. Then we went on to Sankaty Light and went up in the Light House. Magnificent Light and View. Saw the sea from Long Side east, round to Nantucket -

The land there is 100 ft. and a steep cliff, almost perpendicular rises from the beach below. There is but one point on the island one of Paul's Hills that is 2 or 3 ft. higher. Returning home we took a road leading directly west from the New Sunset Road, opposite the Light and had a beautiful drive through the heart of the Isl. past Gibbs Pond, coming out by the Bug Light on the road to Wauwinet.

In morning says that these rolling meadows are very much of Gower where he used to live, the soil however being of course different. The Light House Keeper told us that a sett

who recently visited the light, said that these
 moors reminded him of Scotland more than
 anything since he had left home - Mr.
 Murray raked on the shore of Gibb's Pond, but
 got nothing. It has a clean sandy bottom
 and most of the way round a sandy beach -
 We reached home by launch after 6 P.M. -
 This evening after fixing my plants we called
 at Mrs. Sterbuck's. Mrs. Owen leaves for Spring-
 field on Thursday - Mr. Murray for Island on Friday.
 We are off tomorrow by the 12-30 boat for home -
Scutellaria galericulata, L.

Juncus articulatus, L.

Wet, Lignite - Sand -

Potamogeton zosterifolius, Rottb.

Small Pond - Wauvnet - Tide T. Murray -

Typha latifolia, L.

Quercus obtusiloba, Mx

Plantago lanceolata, L.

Wauvnet -

Marubium vulgare, L.

Roadside - Wauvnet -

Hudsonia ericoides, L.

Fruit, Moors

Carex sp. Fr. Fr.

Side of road, Wauvnet. From spec. sent
 to Dr. H. B. K. - July 24 - 1887

In pure sand. By Gibb's Pond.

Galium pilosum, Hit.

Moors between Gibb's Pond and Nantucket.

~ 1887 ~
 ~ July 20 ~

~ Cambridge, Mass. ~

A cool day. Spent this A.M. getting ready to depart for home. Took the 12-30 boat and had a most delightful sail to Wood's Hole. Flew by train home - P. 1 + 1/2

July 21 P.M.

Scirpus americanus.

Flowers coll. in waste places in the town. This plant is abundant in all waste & vacant spots in the towns. I have seen it growing between the sidewalk and the street. It attains the height of at least 6 ft. I have also found it in low ground in the heart of the Island. It takes on a beautiful color when in full flower, as it is just now.

- July 21 -

- Cambridge, Mass. -

Cloudy with some rain. Have been busy to-day with my plants. Pruned my Concord collection, some pruned in the garden and some in the field. Also pruned the Hawthorn & the Hamamelis plant. Labeled my Concord & Hawthorn collections.

- July 22 -
 Cambridge - Mass -

Busy to-day with my plants and with
 packing for Montague where we go to-morrow.

- July 23 -
 Montague - Mass. -

The train left 1:35 P.M. from the
 Hitchcock Depot. Met at the station
 Mr. & Mrs. J. K. Bliss and child, Mr.
 Campbell and a friend of theirs. It rode
 4 hours through beautiful scenery
 and we were met at
 Mr. Joseph Fuller's about 1 1/2 m. from the
 station. Montague is beautifully situated
 in Franklin Co. and is bounded on the east
 and north by the Green River. We all
 returned 3 P.M. from the river. From our
 south window we can see Mt. Toby rising
 above the trees. The Rev. Dr. in the town-
 ship of Sunderland, The house of the
 in the school was seen from the river
 & we saw our plants and it will be of
 great service. The rest of the family
 consists of Mr. & Mrs. J. K. Bliss, their
 daughter, Rev. & Mrs. Bliss of Framingham, Mass.
 & a niece, also Miss Rice. Miss C. is a student in
 history & languages at the University of Ill.
 Mrs. C. is a daughter of Mr. Fuller, it seemed
 so pleasantly after our arrival that we all
 kept the night.

1884 -
 July 24 -

Mon. T. A. 1884 -

Remained in the city until the last night and to-day with occasional trips for a short time. During one of these this morning Mr. Crawford, Churchill & I walked down the road to see where the Saw Mill River, which is a brook that crosses the road twice between here and the station, empties into the Com River, and we found its banks had flooded the road and fields. It was a light. I went on with Mr. Crawford some distance and had a fine view of the Com Valley. Directly west over the river and behind a range of hills lies the town of Deerfield on the western river. North of Deerfield and also concealed by a range of hills lies Greenfield. It poured in torrents before I reached home and I got pretty wet. Before dinner I put my botanical apparatus into our working room. Mr. C has a very nice room there. Spent the P.M. writing & reading. Dined in the evening.

Sida corniculata, Pers.

An erect, sandy soil, growing at intervals over a piece of ground in the town. Very hardy.

Pyrenanthemum muticum, Pers. [established for several years.]

Portulaca
maritima, L.

Positive. whole plant over 5" in. - also some of the roots I took.

~ Montague - Mass. ~

The sun at last! A most beautiful day, a cool breeze, with light clouds. The ground is well soaked with water after the late direction rains and even the pasture slopes are wet, and spongy under the feet. F. & I took a walk this A.M. on the R.R. track just east of the house. We walked north for some half a mile and then followed the road up Dry Hill Brook for a short way. We made a very nice collection of plants. I was delighted to see for the first time *Collinsia* in flower and *Anemone cylindrica* & *Bromus Kalmii*. Home to dinner. Dinner over we put up plants in press and then strolled into the woods back of the house following up the brook. Everything very wet. Home to supper. Evening cool and beautiful.

Anemone virginiana, L. } Both abundant by the track. A. Virg.
 " *cylindrica* Gray } in flower. A. cylin. in fr., no fl. ~
Bromus Kalmii, Gray. Dry ground by track abundant in a locality.
Eriogonum strigosum, Muhl. (var. *diversus* Robbins). by track.
Eragrostis pectinacea Gray, by track in sand. Abundant.
Collinsia (anadenaria), L. Roadside in shade. Plant 4" high.

I kept the top & 2 pair of leaves. The larger pair in the middle of the plant, the smaller at the bottom. Kept the stock too.

Galium circaezans. pilosum, Ait. }
Circaea Lutetiana, L. } Roadside.
Thaspium aureum, Nutt. }
Aster macrophyllus, L. }
Galium circaezans, Mx. } Shady woods ~
Isoplexis quadrifolia, L. }

— 1887 —
 ~ July 26 ~
 ~ Montague - Mass. ~

A muggy day, light rain in the A.M. fair in the P.M. Mr. Churchill Crawford & I walked down the road as far as Spaulding's Brook which we followed up for some distance. The road is quite impassable as yet for waggons owing to the washouts. We found some interesting plants among other and new to me were *Celastrus*, *Climacodendron* & *Desmodium rotundifolium*. Home to dinner, pretty wet. This P.M. I played 2 sets of tennis with Mr. Crawford. *Vaccinium pennsylvanicum* Lam.

A peculiar form by the roadside, not common here.

Comandra umbellata, Nutt.
Asclepias physocarpoides, Pursh.
Celastrus Climacodendron, Benth.
Desmodium rotundifolium, DC. }

Roadside ~

Doegglia paniculata, (Willd.)

Woods - with *Clitogamnia* flowers.

~ 1887 ~

~ July 27 ~

45

~ Montague - Mass. ~

A bright, sunny day. Very hot. This
A.M. Mr. Churchill & I drove 3 m. to the ferry
and were ferried over the Conn. River with Mr.
Bradford & niece. We then walked over the hill
into Deerfield a distance of 2 miles. Most of the
way was through the woods. I never saw the
Desmodium in such abundance, the species
multiflorum. Our object for going to Deerfield
was to hear Mr. J. Wilson's Lecture on Major Andie
We reached the Hall just as the lecture began
and were much interested in it. Mrs. & Miss Wilson
were there. We lunched at a small place by the
Post Office and then went to Mr. Lincoln's house
where we stayed some little time. Then to Memo-
rial Hall where we saw many relics of colonial
times and of the disaster of 1703-4. Met the Wilsons
there. Then we walked back slowly to the Ferry
and, after crossing, were driven home. Got some plants
new to me — Home by 7 P.M.

Eragrostis pectinacea, Beauv. var. *megastachya* (Lam.) Link. & Meyer, Holl.
In cultivated ground - Deerfield

Leersia virginica, Willd.

Tall form, roadside, in deep woods. Shot from roadside.

Main Street - Deerfield.

Crotalaria sagittalis, L.

In grass - graveyard - Deerfield.

Hasturium sylvestris, L. Br. Banks of Conn. R. Montague.

Centropus trifoloides, L.

Cultivated ground - Montague.

Isidoreus *fulgens*, L.

Wild - in meadows - Montague -

- 1887 - Montague - 1887 -
Mass.

July 28 -

A bright, sunny, warm day. Being rather tired I staid about the house to-day, reading, writing and fixing my plants. Have recd letters lately from Bailey, Mr. Ewen, and Mr. Mearns. I took a short stroll just before tea. Mr. Churchill went off both in the A.M. & P.M. but brought little back -
Asplenium nudiflorum, DC.

Woody slope -

Montague - Mass. -
- July 29 -

A very warm A.M., light breeze, heavy thunder storm in the P.M. This A.M. Mr. Churchill, Mr. Crawford & I walked down to the foot of Mt. Toby by the road and rail road. Distance 3 m. Gullies in the road very great. Drank from a very cold spring at the foot of the Mt. Toby is 1100 ft high and consists of a number of rounded peaks, with hollows between, some 4 m long & 2 m wide. It is heavily wooded. The heat a few minutes to botanize at the foot. Reached home at 1.30 very hot. In the P.M. wrote & changed letters.
Asplenium ebeneum, Ait.

Rocky bank - roadside - Montague -
Clouarea perfoliata, L.

In sand, by R.R. track - Sunderland.

Mitella diphylla, L. - to show dehiscent capsules } Rocky
Trillium erectum, L. - fruit - } wood,
Urtica hirsuta, Scop. - fruit - } of Mt. Toby
Leverett

- 1887 -
- July 30 -
- Montague Mass -

47

A warm day, breeze +89° in shade. Very foggy this Am. It gradually cleared up. This Am. Mr. Churchill, Mr. Crawford & I drove down to Mt. Toby. Mr. Fuller drove us down. Reached the foot of the Mt. by 10-15. We then spent the day, botanizing on the Mt. and walking to the top. The streams are quite full and very beautiful. Ground quite wet. The haze in the air prevented much view from the top. We saw the Conn River winding along between Sunderland & Deerfield. Sugar Loaf Mt. rises very abruptly from the plain. Mts. Holyoke, Tom & Graylock and plainly visible in clear weather. We lumbered by a cool stream not far from the summit. Returned to the base and met the wagon at 5-30 P.M. and drove home.

Clematis verticillaris, DC.

Gerardia quercifolia, Pursh.

Woods - Mt. Toby - Sunderland -

Gaylussacia resinosa, T. & G.

Open field, Leverett.

Camptosorus rhizophyllus, Link.

On moss-covered rocks, at foot of Mt. Toby, Leverett. Abundant in a limited area.

Mt. Toby, Sunderland.

[illegible]

~ Aug. 1 ~
 ~ Montague, Mass. ~

Hot day - no rain - 90° in the shade - This A.M.
 Mr. C. M. Crawford, Charlie Fuller & I went to
 the "Hog Pen" - It is some 2 miles in the deep
 woods, east of the house and is a most remarkable
 formation - It consists of immense boulders which have
 broken off and fallen in such a way as to form a
 an enclosure some 50 ft across - The walls are
 quite perpendicular some 20 ft high with a narrow
 opening at one corner - You can enter the "Pen" from
 below by coming up through a hole in the rocks, and
 in a similar way you can get out at the top - It
 was cool and refreshing in the deep shade of the damp
 woods - There is a large heap of cut timber
 and rocks to wade across everywhere - We made
 a very pretty collection of plants - Reached home by 1.30 P.M.
 Spent the P.M. arranging and analyzing plants & reading
 and in the evening -

Betula Lenta, L.
Muhlenbergia Willdenovii, Trin.
Galium (Cimicifuga, Boott.)
 Woods -
Desmodium paniculatum, DC.
Marylandicum, Boott.
Asplenium platyneuron, L.
Asplenium platyneuron, L.
Asplenium platyneuron, L.

Growing in the "Hog Pen" I've seen & collected them
 and have seen none elsewhere -
Parietaria Pennsylvanica, Muhl.
 On rocks just outside the "Hog Pen".

- 1887 -

- Aug. 2 -

- Montague, Mass. -

rain pouring down, when I went up the
 A.M. The wind blowing the morning and
 the weather remained cloudy and threatening
 during the day. By 7 P.M. the rain began
 to come down again and it poured in torrents
 till late in the evening, when the moon came
 out. I staid in the house today. Arranged
 my plants, read and made out labels -
 gave finished Reproduction and was working
 the day. Sunday, Aug. 3rd. Mr. Hunt
 took his family to drive this P.M. He
 went by Montague City and the river to
 Deerfield. He brought back *Cassia Marylandica*
Asclepias obtusifolia (fr.) & *Gollinsonia* Can.
 I put some of the last two in press -
 Mr. [?] [?] yesterday on a trip
 to Vermont with some friends in a two-
 horse team.

- 1887 -

Aug. 3 -

51

- Montague - Mass. -

Warm day - no rain - cloudy - This A.M.
Mr. C. & I went down to the Ferry with Miss
Fuller & M. The ladies returned and Mr. C. & I
hired a boat and spent the A.M. on the Conn.
River, botanizing on the banks. The rowed up
stream some half a mile, landing frequently
and exploring the banks. The logs are coming
down now in considerable numbers and one has
to be on the constant lookout. The view up
and down the river is very beautiful. The
banks are lined with trees, elms, maples &c.
and with shrubs. We crossed the stream and
Mr. C. landed on the bank and explored a little.
He went to the Ferry and got a man to show
us some of the river. In the P.M. we dug
plants and read the Century. Read also in
the evening - Moonlight -

Elymus Canadensis, L.

" " L. var. *glaucocephalus* (Montague) Rydb.
Boehmeria cylindrica, Willd.

Agrostis perennans, Tuck.

Echinochloa lobata, T. & G.

Banks of Conn. River, Montague.

Asplenium adnigrum, L. var. *Macleanii*, Gray.

Banks of Conn. River - Montague.

~ 1887 ~
 ~ Aug. 4 ~
 ~ Montague - Mass. ~

A most beautiful day, cloudy, with cool breeze. This A.M. Mr. C. & I had a most delightful walk of 8 miles. The walk was as Miller's Falls 4 m. distant. Following the road running directly north some 3 m., we struck the Fitchburg R.R. track just before it passed under the New London & Northampton track. At this point we found *Echinum vulgare* growing abundantly by the track in the loose sandy & gravelly soil. It was then established there for some years and we saw the young rosettes of leaves, making the 1st year of this biennial plant. We then went on and followed the New L. & North. track to Miller's Falls a small town. Miller's River runs through the place and flows over a dam, making a pretty fall of water. The canal back by road, going through a very pretty piece of country, between Green Pond & Lake Pleasant the latter a camping ground for spiritualists. People live there for 3 months in the summer and on special occasions, there are thousands of visitors who gather to see some favorite Spiritualist (humbler) and have a good time. After dinner I was ready to rest and take a short nap. Wrote letters this evening.

Echinum vulgare, L.

By the R.R. track, Montague -
Sedum modium (Canadense, DC.)

Small piece in flower. Montague, Montague.

~ 1887 ~

53

- Aug. 5 -

~ Montague, Mass. ~

After a bright moonlight night, the morning opened most auspiciously. Clouds however soon arose and by 12.30 P.M. it began to rain and continued to do so with intermissions the rest of the day and evening. This A.M. the whole household started off with three wagons and lumber and drove to Deerfield 5 M. Luther Lincoln's by the river and back. The views were very fine especially along the east bank of the Green River. We crossed the bridge into So. Deerfield and rode close under the cliffs of So. Sugar Loaf. I land on the summit King P. Hill. Then we then drove north through So. Deerfield, The Bens, Mill Village & Wapping and in the Township of Deerfield, 5 Deerfield. There we put up a house and lumbered at the Lincoln's - 1 M. (Deerfield) I with rubber boots & coat went down to the banks of Deerfield River and stamined along the shore for a while. I then left Deerfield at 5 P.M. drove north and the Mt. and took the Ferry home. Home in the rain before 7 P.M. I was delighted to find *Ambrosia trifida* a new plant to me, abundant along the river bank within the height of 3 ft.

Ludwigia alternifolia, L.

Swamp. So. Deerfield. Petals very caducous.

Rubus laciniatus, L. Meadow, abundant. Deerfield.

Ambrosia trifida, L. Bank of Deerfield R., Deerfield. Abundant.

Apocynum cannabinum, L.

Rocky & sandy shore of Deerfield R. Deerfield. Plants almost prostrate

Licetia tuberosa, L.

(cont. Deerfield). The same large plant of T. 1.

Mr. C. found 2 specimens of *Polygonum virginicum*, Ditch. Gave me one. The plant was from roadside - Deerfield.

~ 1887 ~
 Aug. 6 -
 - Montague - Mass. -

Rain, rain all the morning. I laid at home, went over my plants. It cleared up this P.M. and Mr. Churchill & I took a walk up the Dry Hill road going some two miles from here. We kept to the road as everything is soaking wet. The pleasure of seeing a new plant is always a keen one. This time it was *Polygonum Virginianum*, in wet springy ground near the road. We reached home for supper - sat in the parlor in the evening -

Polygonum Virginianum, L.

Roadside - wet soil -

Aster macrophyllus, L.

Large leaves of young plants - roadside

Scirpus, Eriophorum, Michx.

Roadside - With prolificus buds -

Amphicarpaea monoica, Ell

Roadside -

I dug up and brought home some root-stocks of *Collinsonia Canadensis*. I am told that they can be sectioned and polished like agate -

- 1887 -

- Aug. 7 -

- Montague, Mass. -

55

A glorious day, clear as crystal and very cool. Driving home from Faneuil and this P.M. I was very overcast. This A.M. Mr. Churchill, Mr. Crawford & I started off in a two-seated team with a horse-horse hired from an undertaker and drove down to Sunderland Park. We went into Sunderland and then took a road east up the side of Mt. Toby, a short way to some series of fine cliffs called the Park. There we stopped, got the horse and ourselves and then spent the P.M. botanizing along the cliffs and enjoying the views. There is a beautiful cascade falling over one of the cliffs. We returned at 5 P.M. reaching home by 6-30. The atmosphere has been so clear that there have been most delightful views at every turn. The cliffs were covered with ferns (*Cypripedium*, *Asplenium*, *Polypodium*, *Adiantum*, *Trichomanes*, *Camptosorus*, *Phyllis* etc.). Thermometer 60° at 9 A.M. 55° at 9 P.M.

Desmodium illinoense (Michx.) Benth. Roadside - Montague.

Carex adusta, Nutt. = *C. argyrantha*, Tuck. Hill L. Bailey; Dec. 19, 1887.

Urtica dioica, L.

Urtica dioica, Scop.

Urtica dioica

"Park" Rocks, ledges - Mt. Toby - Sunderland -

Rhus copallina, L.

Rhus copallina, L.

Roadside. Sunderland - "Park"

Polypodium vulgare, L.

Rocks - Roadside, Sunderland.

~ 1887 ~
~ Aug 8 ~

~ Montague - Mass ~

In the rocks at Poets Seat we found
Arenaria stricta growing in great abundance.
It was ever present fruiting.

A most perfect day, clear and cool, without a cloud - This A.M. Mr. Churchill, Mr. Crawford & I took the 9.46 train for Greenfield. From there, we walked to Poets Seat which is the top of a hill, near the town called Rocky Mt. Distance some 2 miles - From a tower on the summit, a most beautiful view is afforded in every direction. Greenfield, Deerfield, Montague, Montague City, Turners Falls were spread out before us, with the Conn. River, winding peacefully through the landscape. Here Mr. Crawford left us. We then followed the ridge north, through the woods botanizing on the way to Deerfield River. Lunched by a cold spring under the shade of a rock maple - I never saw a more beautiful grass than the *Elymus* (am. var. *glaucofolius*), growing by Deerfield River, with its long gracefully drooping spikes. We crossed the river and walked to East Deerfield, where we took a train (5.02) to Montague. Reached home by 6.15 P.M. In evening with my plants - He also played games in the dining room.

Walked 7 miles to-day -

Elymus (canadensis, L. var. *glaucofolius*, Gray.

6 ft high - Bank of Deerfield R. Cheapside - Deerfield
Trifolium trifolium, L. Woods " "
Parnassia pennsylvanica, Pursh. Among tree roots, " "
Thalictrum flavum, L. Wet ground. Open field " "
Viburnum acerifolium, L. Roadside. Greenfield -
Cyperus filiculmis, Vahl. Rocky Mt. "Poets Seat" " "

- 1887 -

- Aug. 7 -

- Montague - Mass. -

57

A clear, beautiful day, rather warm in the sun. I have not been off botanizing to-day. This A.M. 11. & 12. & 1. Down town and I went to a garden near by and got some *Hibiscus Trionum*, which I had noticed yesterday. It is an escape in places. It seems in this garden to have been relegated to the fence row & even to have escaped to the gutter. On our return, changed my blotters and then I spread all the others in the sun. On the 7th and after dinner changed the blotters again and I spread the others in the sun. The weather has been so damp that it has been hard to dry plants. Wrote & read this P.M. Have written to Mr. Henry & Kennedy, to-day in answer to letters received -

Hibiscus Trionum, L.

Fence row & gutter by a garden. Escape.

~ 1887 ~
 ~ Aug 10 ~
 Montague Mass.

A cool day, cloudy - This A.M. M.C.
 & I got a horse & buggy and drove to
 Cheshire, Deerfield; going by way of the
 ferry and river road. Air delicious.
 We put the horse up in a shed and then
 followed the Deerfield River down for some
 distance beyond Pine Hill Portmizing on
 the way. The then struck into the North
 Meadows as far as a small pond and
 then entered our steps and home some
 as we came. The found little of special
 interest on the river bank. *Cyperus*
phymatodes was abundant. The canals
 are muddy in places, and stony in others.
 The views are very pretty. We met
 some boys fishing. They had caught a
 number of good-sized bass. The glaucous
 variety of *Elymus Can.* was prominent
 at intervals. The Ostrich Fern grows
 in great luxuriance along the shore
 and in places back in the field.

Reached home by 2-30 P.M. After dinner
 arranged plants. Company in the evening.

The played games with prizes -

Vicia Cracca, L.

Solidago serotina, Ait, var. *gigantea*, Gray }
Polygonum convolvulus, L. }

Bank of Deerfield River, Cheshire.

Baris flexilis Roth. (Fide T. Munn. Sept 12-1887)

Gravelly pond 1 1/2 ft. of water, in No. Meadows, Cheshire.

Coburn T. & R.
 River Bank, Deerfield

- 1887 -

- Aug. 11 -

- Montague - Mass -

59

A cloudy foggy day with rain all the P.M. accompanied by thunder and lightning. Being rather tired, I staid at home today, busying myself with my plants and with reading and writing. Drove down town with Mr. Tucker & Mr. Churchill. The latter took the train to West Deerfield and walked over to the "Bars" and I on their drive to Linsendland Park with Mr. V. Fuller and walked back home, getting home by 8 P.M. Miss Ruth Fuller pointed out to me of my plants the *Hibiscus Syriacus*, L. [have it named].

I secured flowering specimens of this plant in the town from a garden, owned by Mrs. Delano. This young fruit.

- Aug. 12 -

- Montague - Mass -

A right-pleasant day, cool breeze. This P.M. Mr. C. & I drove down to Cranberry Pond & Mr. T. & I and worked over it. Found nothing to collect. *Rhus venenata* very abundant. This P.M. we went up to the pasture back of the house and got a few things. Took my botanical stuff before tea.

Vaccinium stamineum, L. }
Rhus copallina, L. }
Polygala verticillata, L. }

Pasture -

Aspidium marginale, Swartz.

Kalmia latifolia, L. Roadside.
Open woods.

- 1887 -
 - Aug. 13 -
 - Cambridge, Mass -

A clear, cool day. It has been a more beautiful day reminding me of last Sunday Aug. 4. - We all left Montague this AM by the 11-22 train Fitchburg R.R. Reached Boston by about 3.30 P.M. (train due 3 P.M.) We passed all the washouts between Miller's Falls & Caring. They extended for about 2 miles. The iron bridge over Miller River the 5 yrs. old, had gone down and a temporary wooden trestle is erected. The ruins of the bridge are seen in the river. Reached home by 4.30 P.M. This evening, I put my Concord Plants and sundry others in the mounting box and changed the blotters of my Montague Plants. Evening very cool. Went up to mother's. Found a package of plants here from C. R. Barnes.

- 1887 -
- Aug. 14 -
- Cambridge - Mass. -

61

A clear, cool day. I have been very busy botanically. Mounted the plants in the box, 53 sheets. Poisoned all the Mantucket collection. Finished labelling the Montague plants, 45 labels. Packed with in this P.M. to the Botanic Garden. Five P.M. Have written to Bailey, Kennedy, McCarthy, Miss Reading. McCarthy sent me fruit of *Dionaea* early in July and I want a label.

- Aug. 15 -
- Cambridge, Mass. -

A clear, cool day. Have distributed the sheets mounted yesterday. Have put into the box the Mantucket plants mounted. Have gone with to the Botanic Library and Gray Herbarium for Lloyd & Henshaw. Went in to the Museum this evening, with M. Min. *Hibiscus militaris*, Cav.
Botanic Garden

- Aug. 16 -
- Cambridge, Mass. -

A clear day, some clouds. Poisoned a large part of my Montague plants. Mounted 44 ^{sheets} of the Mantucket plants.

~ 1887 ~
 ~ Aug. 17 ~
 ~ Cambridge - Mass. ~

A clear, cool day - distributed my
 Montague plants 44 sheets. Put about
 50 sheets of the Montague plants in the box - Has
 to the Garden this P.M. and saw Mr. Watson
 who has just returned from N.Y. where he
 attended the Ass. Meeting. He returned my
 Penns. *Asclepias* which he was seen receiving.

~ Aug. 18 ~
 ~ Cambridge - Mass. ~

A racing day - Have mounted 40 sheets
 of the Montague plants and this evening
 have distributed them in my herb. Have
 put some 50 sheets in the box. Have
 ordered more Montague plants. But
 few are now in press.

~ Aug. 19 ~
 ~ Cambridge - Mass. ~

A pleasant day - Fair. Have been
 to-day for part of the time getting ready
 to go to York Harbor, Me. to-morrow.
 Mounted 44 sheets of Montague plants.

— 1887 —

— Aug. 20 —

— York Harbor, Me. —

63

A cool day, cloudy, Thunder storm in the
P.M. and almost cold at York Harbor —
I distributed my yesterday's mounting this morn.
We went to Boston in time to take the
1.30 train (Eastern Depot) for York Harbor.
Changed at Portsmouth to a train that has
been running for only a fortnight between
Portsmouth and Union Bluffs (York Harbor &
Beach R.R.) — Reached here at 3.50 —
We are staying at a cottage with Messrs
S. & M. Cushman and have a nice room on the
second floor — York river widens into a harbor and
the village of York is both (part of here is
very old (1600's) — A pretty beach is a few
minutes' walk from the house — Brown Isth. is
east of us — We take our meals at another house.
Mrs. E. Dodge is here. It has been almost cold
this evening and we have sat in the parlour
with a log fire — As we left Boston
I saw the *Linaria vulgaris* growing in
a wet brookside there I had ever noticed
before in wet ground near the Fitchburg
Crossing — The ground was yellow with it.

Senecio viciaria L. 1st is growth.
 2nd is growth.

Pedicularis telephium, L.
 Roadside.

~ Aug. 22 ~
 ~ York Harbor Me. ~

Almost incessant rain all day long.
 I staid at home this A.M. reading, writing, &c.
 This P.M. I took my umbrella and walked to York Beach,
 and then home on the R.R. track. While in the evening,
Viburnum dentatum, L. ~ 20 y. old -
Mertensia maritima, Don. 54 (See Aug. 25)

A cluster of at least 50 fine plants in
 the sand and among the stones at the head of the
 Mill Pond of York Beach, opp. Hotel Bantock. Very moist.

~ 1887 ~

65

~ Aug. 23 ~

~ York Harbor, Me. ~

Jan! rain! rain! Windy - and & chilly -
I most disagreeable day. This A.M. I
ironed my Pedum telephium which I am
trying to dry quickly so as to keep the leaves
green. I ironed it yesterday, & Mr. (Crest) called
on Mr. (Crest), Mr. (Crest), & Mr. (Crest) & Mr. (Crest).
This P.M. I started off with umbrella &
coat in a walk. I went to Eastern Point,
and then followed the shore, and to (Crest)
(Crest) which I partly investigated. (Crest)
while the rain was (Crest) held up (Crest)
some (Crest) (Crest) the mist and fog rolling
in from the sea and I turned homeward
walking in all between 2 & 3 miles -

Polygonum Convolvulus, L.

Grows on a bank close to the sea.

Rudbeckia laciniata, L.

Wet ground - No wood - 5 ft. high

This plant is quite abundant which I found
Potentilla Remyana, L.

This most interesting plant grows
among the rocks near the shore at Eastern
Point in considerable quantity. It has almost
gone by now, but a number of the (Crest)
are still clinging to the receptacle -

- 1887 -
 - Aug. 24 -
 - York Harbor, Me. -

Still in steady rain. I have not attempted to take a walk to-day. This morning I went to a concert at the Marshall House and heard some fine singing by Miss Todd & Mr. Marshall of Boston. It poured guns as we were returning. It is a walk of about 9 min. I read in the P.M. In the evening we went to a lecture by John C. Ropes on Gettysburg. at the Marshall House. It was extremely interesting. The plants went into my Herb. to-day. Ground my ~~Sedum~~ time.

- Aug. 25 -
 - York Harbor, Me. -

The sun at last! A beautiful day clear cool with light winds. I took a walk this A.M. through Fox Village to Fox Beach and up to the head of the beach. By Hotel Bartlett, I counted 54 plants of the *Meibomia maritima*, 50 of them being either contiguous or but a few ft. apart. Home by the road near East point. Distance in all over 6 m. Shower bath in the sea before dinner. This P.M. I went to the station expecting Mr. Kennedy who did not arrive. Read before supper.

This evening we went to a concert at the Harmon House. Walked on the beach afterward, moonlight, bonfire. I sowed *Sedum* once this A.M.

Verbena strictifolia, L., roadside. upper part & lower leaves - 1°
Daucus Carota, L. " "

Nepeta hibernica (canadense), Michx. - Open hillside -

Meibomia maritima, Don - Rocky beach - York Beach -

1887

67

Aug. 26

York Harbor, Me.

A clear, cool day, with strong wind from the west. This a.m. I went down the river with Mr. May & children. We left the boat and went over to the rocks and spent the morning fishing! I started to botanize. The catch & some two dozen perch & pike. Home to dinner. This P.m. I walked up the shore of the river to the 2nd bridge and from there went north to York village and home. The trees I saw near the station - I find nothing new here, that is, nothing that I have not found before. All the sea side plants are here and they are always interesting. I noticed at the wharf where we took our boat *Zostera marina* in fruit. in great abundance. I shall get it at low tide. York Harbor at high tide very beautiful. There are more trees on the south side near the water than here. There is a hickory grove on Eastern Point. It has been some a fall day. I walked this afternoon and yet I was cool at the end. *Gerardia purpurea* is very abundant in wet places. *Cotyledon sanguinea* is everywhere. *Viburnum dentatum* is in fine fruit. In the large pond by the R.R. track, the wind has blown masses of *Ruppia* to the shore.

Theatricals at the Hotel will begin in the evening -
Ground my feet in once -

Hieracium (Canadense, Mx. Fruit. Open field.

Hedeoma Pulegioides Pers. Open field.

~ 1887 ~
 ~ Aug. 27 ~
 ~ York Harbor - Me. ~

A most beautiful day, clear and cool -
 This A.M. I put on my rubber boots and
 went through the swamp between the house
 and Hotel Be. Lett. The undergrowth is
 very thick - Saw some Hemlock in fruit.
 It is very beautiful in that condition. A
 slow-running brook was full of the *Rumex*
Britannicus, L. - It took me some 15 min.
 to get up from the mud - its large root-
 stock. Saw *Minulus ripens* - flowers
 here and then went down to the wharf
 for *Nostera*. The tide was low and I re-
 covered all I wanted. Both fertile &
 sterile plants. I measured one fruiting plant.
 Fruit - It was 7 ft. 8 in. long - Sea Bath
 before dinner. Water cold and bracing -

This P.M. I stayed about the house putting plants
 in jars. Wrote letters in the evening. Mr. Kennedy
 whom I expected Sat. Thursday does not appear.
Rumex Britannicus, L. (= *R. orbiculatus*, Gray of the Man. p. 420)

In a slow running stream of water. The
 plants were growing in abundance from 5 to 6 ft. high.
 Water about 6 in deep - Muddy bottom.
Cicuta maculata, L.

4 ft. high. By a brook -
Juncus marginatus, Rostk.

Pasture land - damp ground -
Nostera marina, L.

In the Harbor by the wharves -

Trifolium pratense, (L.) (H. & A. in fruit.) - 4 1/2 in.
 diameter

1887
 - York Harbor - me. -

It is a very nice day, and a very
 rain for 5 min. this m. This m. we
 saw many children, Miss E. Wells & myself
 rowed over the Harbor and spent the morning
 in a grove of White Pines. We lay on
 the ground under the trees and chatted.
 I thought of Barroughs, "A Story of Time"
 in Signs & Seasons. We were sitting on the
 ground, and were very comfortable. Then at
 home it rained. I gathered me some
 in some of the most beautiful places. This m.
 I went to the grove and was trying the
 water, and the water was very good.
 I have lost my book on paper with
 and go to my sheet of *Loxostoma* in
 a pocket. But I went to the rocks and
 read Barroughs till tea time. Wrote
 a letter to my mother, & a nice letter to
 Typha. I am very happy, yesterday.

- 1887 -
 - May 25 -
 - York Harbor - Me. -

I glided down, down & out with the tide
 early in the morning in the A.M. The tide
 was out & I went to Cape Neddick
 there I found the road very good
 reached it in 10 min. The walk along
 the shore was most exhilarating. I did
 not cross over to the "Nubble" a small
 island on which is a Light House. I found
 a cranberry bog near by the point and
 never saw such a quantity of *Eriophorum*
Virginicum. I gathered a large
 bunch of it which I shall take home.
 I was surprised to find *Asplenium*
 in the bog. There was a large patch of it
 in full flower. Reached home in time to
 take a bath before dinner. Warm delicious
 This P.M. after getting my plants in press
 I rested. This evening called at Baker's
 boarding house on Hal Kennedy and Mrs.
 Kennedy, his aunt. They go tomorrow. Mr.
 Kennedy is not yet down at present.

I have very fine characters -
 - *Lupinus micranthus*, L. Meyer.

Among rocks, Cape Neddick.
 {
Asplenium }
Asplenium }
Asplenium }

In a cranberry bog. Cape Neddick.
 There was abundance of the *Asplenium*.

- 1887 -
 - 1887 -
 - 1887 -

The day was with rather heavy rain,
 which held away during the morning.
 The sun came out at 9.30. I called
 on Mr. and Mrs. (last 7th). & they
 have a house on the cliff. Then took a
 boat with Mr. (last 7th) to the
 island. This is a very nice place.
 Then the boat went down the river
 to the bank. There were some
 very nice trees, & a few of special interest.
 (I think I saw one of the
 Tea. I spent the evening writing and reading.
Psychotria ~~complanata~~, *Psychotria* L.
Myrica ~~complanata~~, *Myrica* L.
 but a little more -

- 1877 -

- Aug. 31 -

- York Harbor, Me. -

A glorious day, clear with a light breeze, quite cool. In A.M. Mr. Gray & I sailed across the harbor and took a walk of some 4 miles going as far as Blue Point Harbor. Fine view of Pine Point along the coast. Home in time to get ready before dinner. Weather cool and bracing.

This P.M. Arthur Nichols & I took a walk of some 4 miles going up along the river to the bridge and about a mile beyond on the other side of the river. We walked through the fields and woods. Home to supper. This evening, we spent at Mr. Gray's.

Rosa lucida, Ehrh.

Fruit, rocky beach -

Spiranthes cernua, Richard.

Distichlis maritima, Ral.

Salt-marsh. St & fl. very abundant in

separate patches adjoining -

Polygonum arifolium, L.

Wet ground, by shady brook.

Polygala sanguinea, L.

Posture, seeds from adjoining plants.

Actaea alba, Bigel.

Smilacina racemosa, Desf.

Seeds. Woods ~

- 1887 -
- Sept. 1 -
- Green House - 112. -

73

Summer is over and autumn has begun with a most glorious day, clear and cool with a fresh breeze. This Morn. I went to some 3/4 miles up the river. It is a beautiful sheet of water at high tide. We passed a group of house-pitches on the bank. We took advantage of the tide both ways and reached home in time for dinner. After dinner we drove with Miss W. & Miss Upham to Bald Head Cliffs in the town of York, some 9 miles up the coast not far from the line of North Carolina. It was a beautiful drive along the shore and in the country. The Cliffs are wonderfully fine, 90 ft. high and the surf was rolling in, grandly, tossing the spray at times from 40 to 50 ft. high. We returned home, most of the way, by moonlight. Bourn. Bl. Light, Nubble Light, & the Shoals Light were in full view. Reminded me of a 7-3 sign, see L. Hieracium (canadense) is very abundant in the roadside air in the fields making bright yellow patches. I was much pleased to find, at Bald Head Cliff, the little *Sagina mucumbens*, L.

Open ground, Bald Head Cliff. A very small modest plant -

~ 1887 ~

~ Sept. 2 ~

~ York Harbor, Me. ~

A cloudy, threatening day, but no rain. Feeling a slight cold. I have staid at home, to-day, working over my plants, writing and reading. I have finished Burroughs' "Signs & Seasons". A charming book. I spent some time this morning in studying the *Laguna procumbens*, detecting the very minute petals and separating the plant for pressing ~

~ Sept. 3 ~

~ York Harbor, Me. ~

A beautiful clear, cool day, cloudy part of the time. I breakfasted with Arthur Nichol's this A.M. and then started off with him in a buggy, with our lunch, for Mt. Agamenticus. A beautiful drive of 8 or 9 miles, past Charles Pond brought us there. We put up the horse in a stable at the foot, a rise of 500 ft. from York Harbor and then walked up 500 or 600 ft. more to the top, where a very beautiful view is obtained from Cape Elizabeth W.C. (Cannon) on the East, and on the north one sees the Franconia & White Mts. The latter were shrouded by a mist. We had our lunch on the summit and then entered the woods and went down the Mt. on the north and up 2nd Hill near by lower than the Mt. We kept in the woods all the time and I observed carefully the vegetation which was characteristic of the high ground in this region.

We saw *Quercus prinus*, *alba*, & *cinctoria*,
Fagus ferruginea, *Castanea vesca*, *Pinus strobus*,
Abrus canadensis, *Betula alba*, var. *papyrifolia*,
Hamamelis virginica, *Viburnum cicutoides*,
Acer pennsylvanicum & *rubrum*, *Prunus pennsylv-*
anica, & *virginiana*, &c. I saw little of any-
thing in flower. We returned to the sum-
mit of Agamenticus by 3 P.M., and enjoyed
our lunch in the shade. Mr. Way & family
met us after lunch and we discussed the
view for some time with a glass. We re-
turned the way we came. The sunset was
very beautiful. Reached home by 6-30.
Found Ned Dodge here. Sat in the parlor
in the evening. Postal from Barnes -
"Please address me hereafter at
Madison, Wis. Chas. R. Barnes."

Viburnum cicutoides, Michx.

Fruit & Seeds: Woods Agamenticus Joh.
Smilacina bifolia, Ker. (= *Maianthemum bifolium*, etc.)
Cornus canadensis, L.
Nelumbia virginiana, L.

Fruit for seeds - Agamenticus.

Polygonum sagittatum, L.

Low ground - roadside -

Cicuta bulbosa (Cicuta), Wright.
Summit of Agamenticus

~ 1887 ~

~ Sept 4 ~

~ York Harbor - Me. ~

A beautiful clear cool day. I staid at home this A.M. cooking up the fruits I collected yesterday, extracting and pocketing the seeds. Bathed at noon. Water delicious. In the P.M. I took a short walk along the river and then went over the railway trestles as far as Seabury. Home to supper. Read the Century in the evening.
Sesuvium maritima, = *S. linearis*, Torr., var. *ramosa*, Watson.
 River bank. In fruit.
Portulaca verticillata, L.
 Open field -

~ Sept. 5 ~

~ York Harbor - Me. ~

A clear, cool day, fresh breeze. This A.M. E.D. & I walked half way up Long Sands. Back in time to bathe before dinner. In the P.M. Miss W., Mrs. E.D. E.D. & I drove to Mt. Agamenticus, by way of Cape Reddick. The view from the top was beautiful, a slight haze in the air. Reached home by 6-20. The country between here and the Mt. is very pretty, dense groves of hemlock, spruce & pine alternating with stretches of open land. Evening at home.
Mertensia maritima, Watson.
 York Beach, opp. Hotel, Seabury. Fine fruit.
Eulophogon pulchellus, K. 131.
 Boggy ground - fruit -

- 1887 -
- Sept. 6 -
- York Harbor, Me. -

77

A beautiful day, rather warm, slightly
cloudy in the P.M. Last evening I received
a letter from Mr. Murray, dated the 5th, in
which he expressed much interest that
the *Zostera* should still be in flower.
He wanted specimens, so I went down to the
wharf, directly after breakfast, the tide being
low and I succeeded in getting some flowered
though it was much harder to find them than
it was a week ago. I wrapped them in wet
cotton wool and put them in a box which E.D.
took to Boston by the 10.14 train, so Mr. M.
will get them to-night. I have staid at
home, today, pocketing seeds and labelling
my York collection. Bath at noon.
At 4 P.M. Mr. Kennedy appeared with his
family, having come by train from Ports-
mouth. They are on their way to the White
Mountains. Mr. K. & I went down to the
beach and sat down and had a good talk.
They returned to Portsmouth by the 5.39 train.
Mr. Churchill wrote me from Bellows Falls, Vt.
I got his letter yesterday. Law business
and a little botanizing. He returns today.
Writing & reading in the evening -

1887
Sept. 7
- Lake Harbor Me. -

A rather warm day, cloudy.
Thunder storm in the latter part of the P.M.
and in the evening, with rain and
all day - Lightning flashes in the
evening. This A.M. I went down to
the wharf and found the *Zoster* very
abundant in a young flowering state. I
even found the undeveloped stems. So
I should say that to-day, the *Zoster*
was in the height of its flowering, with
many flowers to come yet. 4 P.M.
some fruit pretty well advanced, but
not ripe - I took a good deal of the
plant to the house and after dinner, put
a number of the pieces of inflorescence in
a covered bottle of salt-water and sent
it to Mr. Moody. I have put a little
for myself in alcohol and have in press.
I noticed that the anthers, after de-
hiscence, split open like a boat with
the rib on the inner face for a keel and
push out of the sheath. The young styles
of the young pistils protrude out of the
sheath thus favoring cross-fertilization.
For illustrations, see sketches in pocket
in the sheet of my specimens.

This A.M. I called on Mrs. Atkin-
son and Miss Clark. I had a very
pleasant conversation. Miss Clark says
she will give me specimens of *Z.*

meeting *Gentiana crinita* & *Aspis tuberosa*.
Both are very abundant here -
Bath before dinner. Then K. & I
went to the river. The river is very
fine. The river is very fine. The river
is very fine. The river is very fine.
The river is very fine. The river is very fine.
The river is very fine. The river is very fine.
The river is very fine. The river is very fine.

The wind seems to have grown much
stronger since supper. It is howling
round the house and the air is occa-
sionally lit up with very brilliant
flashes of lightning.

The *Tory Bulletin* came yesterday. It
contains interesting articles read before
the A. C. S. S. P. at New York. To-day
I read a copy of *Agricultural Science*,
Vol. 1, No. 7, containing an article by Hal-
sted on the cultivation of (*Cucurbitaceae*)
plants.

I spent the evening in writing and reading.
Lostera marina L.

Small specimens to show the flowering
state. Stems & fruits in situ. Off the
wharf -

— 1887 —
 " Sept. 2 —
 — York Harbor, N.Y. —

A beautiful day, after the storm of last night. Light clouds, cool, strong breeze off shore. This A.M. I went to Thompson's Woods, out Eastern Point and did some very good botanizing there and in an adjacent bog. Bath before dinner. Not more than half a dozen people in. Water very cold. Mercury 57° . This P.M. I did a little botanizing in the low land over the hill back of the house. I much much pleased to find *Ranunculus alismifolius* in flower & fruit. *Alisma multiflorus*, Ait.

Xanthoxylum trifida, Moench.

Open ground - Root of Diervilla

43 in. long where it broke -

Aster macrophyllus, L.

Tristemon perfoliatus, L.

Howards Woods -

Asia laevis, L.

Open ground -

Spiranthes cernua, Richard.

~~Trionema lanceolatum, Gray.~~

Lychnachia stricta, Ait.

Exilata maculata, L.

mirax agibacea, L.

Paris Lassell, Richard.

Box near Norwood, N. Yorks.

Eupatorium peckolatum, L.

Lord given - 4 1/2 - 1894

Rumex crispus L.

Muddy pond, a short distance behind the house.

~ 1887 ~

~ Sept. 9 ~

~ York Harbor - Me. ~

81

A very cool day, clear in the A.M. & bright in the P.M. A real autumn day. In A.M. we went over the harbor and made a call on Mrs. Allen and Mrs. Wells -

They have a house south of the island overlooking the harbor. We returned in time for me to bathe before dinner.

The water was cold & bracing, though not as cold as yesterday. I went out & swam in the water. After dinner the whole party of us took a boat and rowed up the river with the tide within an hour of high tide. We went a short distance beyond the 2nd carriage-bridge past the beautiful Causeway which I had visited on our former expedition. It is a fine picnicking ground. We reached the station and spent some little time rambling about in some woods which came very close down to the water.

The beech was very abundant. I found one rather dilapidated specimen of *Quercus scarica* and though I looked very carefully about, I could not find another. Home being the island by a narrow channel. Very pretty. Took tea at Mr. Fred Nichols.

Polygonum Carey, Olney.

Rich woods - York ~

~ 1887 ~
 ~ Sept. 10 ~
 ~ Cambridge - Mass. ~

A clear, cool day. This A.M. after packing for my return home I went to the wharf and got some more *Lostera* in flower. It is still in the height of its inflorescence. I found undeveloped stamens. I took the 1:20 P.M. train reaching Boston by about 4 P.M. Home to supper. Went up to the house in the evening. Found all as usual. After my return I changed all the bottles of my York plants.
Lostera maxima L.
 By the wharf - York Harbor, Me.

~ Sept. 11 ~
 Cambridge - Mass.

A clear, very cool day. This A.M. I put some Montague plants in the box. Went up to the house before dinner. In the P.M. I poisoned the last batch of Montague plants and all the York ones that are out of press -

- 1887 -
- Sept. 12 -
- Cambridge-Mass. -

83

A rainy day. Rose this A.M. at 5.30, breakfasted at 5.45, went to Boston, took the 7.15 train, B. & N. R.R. for Ashland. Reached Ashland at 8.04, where Mr. May met me. Spent the day with him in his Herbarium. We spent most of the time going over the Naiadaceae, and Mr. M. gave me whatever he could that I wanted in this Order. I received some very valuable plants which I cannot value enough. He also gave me some plants that the Torrey Club distributed in N.Y. to the Bot. members of the C.A.C. & S. Took the 5.48 P.M. train for Winton and home at 8.30 ~

Sept. 13 ~
- Cambridge-Mass. -

A dull, cloudy day. Have spent most of the day putting some Montague Plants and a large number of the York Plants in the box. Went to the Garden in the P.M. and verified my *Rumex* & *Chenopodium* Gray. Saw Mr. Wotton & Sukdof. Letter yesterday from W. B. & Churchill. Received from Washington the Agric. Report for 1886.

- 1887 -
 - Sept. 17 -
 Cambridge Mass. -

A cloudy day without rain. growing rather warm in the P.M. Started off with Mother & Mary in the 8.30 train N.H. & N.E. Station in Boston. Reached there without trouble by 10.55 A.M. & saw the house Mr. Matthews where they will stay for a while. Pleasant house and delightfully situated. Beautiful surrounding country. Took a stroll in the garden before dinner. *Parnassia* *Car. Scapellato* the fields in places with white. Very attractive. The garden is fringed with the *Aster Novae-Engliae*. It was a most superb garden. Two fine specimens of White Ash are directly in front of the house one of them must be at least 5 feet in diameter near the base. A fine American Elm with the characteristic climbing up its trunk stands on the lawn. The window looks across the road & the river magnificent specimens of the Sugar Maple. I took the 3.58 P.M. train, reaching Boston by 6.20.

Parnassia Caroliniana Mx.

1st bud. very abundant -
Gentiana Androsii Griseb.

Border of ditch of clear running water

Pomfret Conn

- 17th -
 - Sept 15 -
 - Cambridge - Mass. -

A clear, cool day - I spent The A.M. & part of the P.M. getting into the Herbarium the Polanogonous of Mr. Mooney. Then I mounted 63 plants of York & affixed them to the plants -

- Sept. 16 -
 - Cambridge - Mass. -

A very cool day, cloudy part of the time. Spent in the P.M. in errands - distributed yesterday's mounting and finished the Montague plants, 25 more to.

- Sept 17 -
 - Cambridge, Mass. -

A clear, cool day - This A.M. I prepared some plants given me by Mr. Mooney & C. K. Barnes - In the P.M. M & I went in to the Park Theatre to see "Jim the Penman". It was a fine piece of acting - I was much surprised on my return to find a parcel from Bailey which I found, on opening contained a photograph of his wife holding in her arms a fine little baby - How odd it is, I have still to find out. I have written him a congratulatory letter.

- 1887 -
 - Sept. 18 -
 - Cambridge Mass -

A most glorious day, cool and clear.
 The A.M. I took the 9.33 train at
 Fresh Pond with Bruce & Beattie Bent
 for Waltham to spend a couple of hours
 on Prospect Hill. A walk of some 20 min
 from the station took us to the Hill. It
 was delightful to be in the woods and I
 collected some interesting things. *Desmodium*
paniculatum & *Dillonii* were very abundant
 in very ripe fruit. *Lespedeza reticulata* &
var. angustifolia very plentiful. I found
 seeds of the latter. It was my first
 introduction to the plant. Beautiful view
 from the summit of the Hill. Over 30
 people there sitting about enjoying the view.
 Cold spring on the side of the hill - delicious.
Acer rubrum & *Rhus glabra* turning red -
 We took the 12.57 P.M. train back reaching
 home by 1.40 clock - I spent the P.M. with
 my plants.

Solidago puberula, Nutt.

Lespedeza reticulata, Pursh. var. *angustifolia*, Maxim.

Ceanothus Americanus, L.

Laureus alba, L.

Desmodium Dillonii, Wieg.

Sanicula Marylandica, L.

Dry Woods. Prospect Hill. Waltham.

Laureus alba, L.

Forest land by Fresh Pond, Cambridge.
Cephalanthus occidentalis, L. 1897.

- 1887 -
- Sept. 19 -
- Cambridge - Mass. -

87

A most beautiful day, clear and cool except when walking in the sun, then rather warm. This Am. I mounted the plants put in the day yesterday. This P.M. I took the car to Cottage Farm and then walked along the R.R. tracks towards Boston nearly to the Park. There is a large piece of land between Fenway St and Brookline. On this side of the River beyond the New Bridge over the R.R. tracks. That has not yet been reclaimed. It is an extensive salt-marsh, and is now one blaze of color owing to the Aster Novae Belgiae, Solidago sempervirens. Another genus Gnaphalium polycephalum. There are, besides, in very great abundance, Panicum capillare & Crus-Galli, Alternanthera versicolor, Eragrostis canadensis, Siccitaria linearifolia. All these plants were growing very rank, of enormous size. I went out on to Brighton Avenue and returned to Cottage Farm. On the way, I went into a piece of low ground by backish water and found Pluchea growing very abundantly. Returned home and had time to get my plants in press before dinner. Pluchea camphorata, DC. Low ground, by backish water, Boston. Aster multiflorus, Ait. By Brighton Ave., Boston.

- 1887 -
 - Sept. 20 -
 Cambridge, Mass.

A clear cool day - Have been busy to-day distributing yesterday's mounting, poisoning the remainder of my York plants and verifying and distributing some 40 or 50 sheets of English plants mounted in the Spring. Letter from Mr. Kennedy from Moosehead Lake, Me.

- Sept. 21 -
 - Cambridge - Mass. -

A clear, pleasant day. This A.M. put in the box and remounted yesterday's poisoning 20 sheets. In the P.M. I took my box and went out to Dorchester with Mr. Churchill and spent the evening with him. We did a little botanizing before dark. I had a very nice time looking over some of his plants.

Reached home by 11 P.M.

Carya alba, Nutt.

" *porcina*, Nutt.

Quercus tinctoria, Bartr.

Viburnum Lentago, L.

Open grassy Canal, Dorchester.

Salix alba, L. Betb. M.S.

Very large tree. Yard. Next the main street.

Salix nigricans, L. Betb. M.S.

Very large tree. Yard. Back of the street.

Both *Salix* in Dorchester.

1887 -
- Sept 22 -

89

Cambridge - Mass.

A rainy day - Went in to school this
am. Visited the new building on Chest-
nut St. The Hall yet to be done some time
in the winter - Got home by 4-30 p.m.
Distributed yesterday's mounting and put
few sheets in the box - letter from
He says his baby is a girl weighing
18 lbs and was ~~born~~ June 27th.

- Sept. 23 -
- Cambridge, Mass. -

A cloudy day, cool. Got home by 1-30 p.m.
Took my box and walked up to the Pond at
Boston. The water is very low, lower
than I ever saw it. The Stony Brook supply
is running in now. It is a magnificent
road that runs round the Pond. We went
half way round and returned home by 4 p.m.

This evening I mounted a few sheets. The banks
by the side of the Pond are brilliant with alders.
(arya peruviana, Nutt.)

Open field by Fresh Pond - by a fence, near
the water-works.
Aster corymbosus, L. Rays pure white.
macropylus, L. purple.
Verbascum Thapsus, L. 50 years growth.

Steep bank, where the soil has been cut away,
on the west side of the Pond -

Sparanium eurycarpum, Engelm. } Mudd, boy, west
Rethrum ledoides, L. } side of Fresh Pond.
Sium cicutaefolium, Smellin. }

~ 1887 ~
 ~ Sept. 24 - Oct. 7 ~
 ~ Cambridge - Mass. ~

During the past two weeks I have done no collecting owing to school duties. Fall is now upon us. The trees are changing color, The Hickories are dropping their nuts, and are attacked from every quarter by small boys with sticks and stones, old tin cans and any available weapons. We have common about here two *Caryas*, *C. alba* & *porcina*. *C. amara* & *tomentosa* are certainly not common at least I have not seen them near here. The *Solidagos* are now gone by now, but a number of the late *Asters* are still in flower. Henry W. Henshaw is on from Washington. He has brought me a large collection of plants from Washington, D.C. excellent specimens and interesting plants. I shall put the majority of them into my Herbarium. Henshaw dined with me one evening. I have had letters from Mr. Morong on various matters. He is now studying *Eurycarpum*. Next Monday, the 10th, he spends the night here. I have labelled all Henshaw's plants. That was a job occupying me for several evenings. Most of my last collecting is dry. Mr. Bennett has at different times sent me interesting plants of his own collecting, as *Aclep. verticillata*, fr., *Vitis aestivalis*, fr. & *Muhlenbergia capillaris* from Hingham (Oct. 5th). Weather good & bad.

Hibiscus militaris, Car. Bot. Gardens Oct 7 Same plant as Aug. 15 last

- 1887 -
~ Oct. 8 ~

91

Cambridge Mass. -

A clear, sunny, warm day. Have tried to break up a cold of a week standing by talking a walk. May Dexter went with me. We walked round Fresh Pond on the new road. The water is still very low. I examined the *Aster* by the Pond. They are perplexing. But several in press. Got home before lunch. Took another short walk this P.M. as far as the Water Works. Ruthven & wife, W Brewster & wife and Mary dined here this evening. Ruth has been on from Chicago with wife & baby since Sept. 24th.

Carya porcina, Nutt.

Fruit from the tree where I collected *Ceanothus* specimens Sept. 23rd last.

Carya porcina, Nutt.

Fruit from a large tree near the above standing away from the fence with 2 small projections on the trunk by which a boy can climb up, about 7 ft. from 2 smaller trees which are close together.

Solidago Canadensis, L.

Open ground, West side of Fresh Pond.

Aster viminalis, Lam. (See the *Index*: 15-1887).

Low ground West side of Fresh Pond

Aster compositus, Nutt.

Steep bank of Fresh Pond Grove at the beginning of the Grove going from Fresh Pond Station -

- 1887 -

- Oct. 14 -

- Cambridge, Mass. -

Sunday, Oct. 14, I received 3^{1/2} letters -
 Yesterday Mr. Mason came out before 11^h AM
 and I spent the night. We had a pleasant
 talk - Mr. Mason has a distant project
 of going to So. America up the
 La Plata in a sailing vessel commanded
 by a friend of his, and crossing over
 to land to Chile where his brother
 lives. His plan is to organize through the
 water-system of rivers which flows through
 the La Plata into the Atlantic. It is
 now just talked of and may come to
 nothing. He would need financial sup-
 port of course - Mr. Mason was at the
 Garden today and returned to Hoboken
 this P.M. - I have just received from
 release in Reverend the Linaceae

Oct. 15 -

- Cambridge, Mass. -

Since I wrote last in my Diary
 we have had glorious weather - I have done
 considerable work on my plants in various
 ways - Yesterday P.M., Mr. Marston Watson
 of Plymouth visited my Herbarium - In
 the evening, I went over a package of
 42 species of Florida Plants sent me in
 Aug. by Miss Reading. I named 32 of
 them and this A.M. I took the rest with

Some of my others &c to the Gray Herbarium
where I spent the morning most pleasantly
working over them. Dr. Gray and Mr. Watson
gave me some assistance. This P.M. I
took a walk about half way around Fresh
 Pond. The *Asplen. corymbosus* by the old
pine grove is still in flower, though going
by. It is very abundant and the only species
I saw along the steep slope. On the hill
opposite where the boat house used to be, I
found the bare leaves of *Asplen. macrophyllum*
very abundant, with occasional specimens
gone to fruit. There is plenty of *Asplen. con-
folium* on that hill too; also *Viburnum
acerifolium* in fine fruit. Its leaves now appear.
Asplen. multiflorum occurs here and there.
A. virginicum, fine specimens, grows in a boggy
piece of ground on the West side of the Pond.
There *Plex. verticillata* is abundant in fruit
now. Just back of the road in the
for dinner. Letter from James, yesterday.
He is getting settled in Madrid. N. C.

- Asplen. corymbosus*, Ait. Bank Fresh Pond Grove } Fruit.
macrophyllum, L. Hill West side of Fresh Pond. }
Viola sagitta, Ait. (Vide May 29-1888)
Back of Fresh Pond Grove at the bend. Abundant, fruit.
Solanum Dulcamara, L.
Thicket West side of Fresh Pond.
Plex. laevigata L. West side of Fresh Pond.

- 1877

5 Oct. 1877

Prospect Hill, Baltimore.

A most successful day's work.
 This P.M. Helen Dexter & I took the 4:15
 train at Fresh Pond for Baltimore. We walked
 up on Prospect Hill and enjoyed view-
 ing through the growth. The view from
 the summit was very fine. The leaves are
 turning fast from the trees and the color
 of the foliage is just disappearing.

After our walk we were in its prime
 and its full clusters of blue made a bril-
 liant show. I collected a number of
 flowers. We returned by the 5:06 P.M. train.

I arranged my plants in the evening.

Altern. undulatus, L.
Altern. retusus, L.
Lechea major Michx.

Gerardia tenuifolia, Vahl.

Desmodium illinoense, Ell.

Desmodium Virginiana, L.

Echinops eupatorioides, L.

Echinops rotundifolius, L.

Erigeron annuus, L.

Erigeron setosus (L.) Pers. *erectifolius* Michx.

Erigeron pinnatifidus, L.

Erigeron pinnatifidus, Ell.

Prospect Hill, Baltimore.

Verbena urticifolia, L.

High Roadside, Baltimore.

Hibiscus Rosa-Sinensis, (L.) Curt. at home.

- 1887 -

Oct. 24

95

- Cambridge, Mass. -

Fine weather during the past week, with the exception of a heavy rain Friday, the 21st. In the early part of the week I poisoned a number of plants, including John H. H. Florida ones. On Friday I took the 3.40 P.M. train for Plymouth and I spent the night at the house of Mr. Watson. He lives a mile from the station on a large piece of land of 80 acres, covered with trees & shrubs of every kind all set out by himself with the exception of two large specimens of *Quercus alba*. I spent a most delightful evening with Mr. & Mrs. & Miss Watson, the latter of whom I used to know in my College days. Mr. Watson gave me an autograph letter of Henry D. Thoreau written to him Aug. 5th, 1845 from T's lodge at Walden Pond. Sat. A.M. was clear and cold. After breakfast Mrs. & Miss Watson and I took a horse. A small boy accompanied us to the house. Mr. Watson on account of a sore throat stayed at home. The first drove through the barbed ground and on to a small hill which was literally carpeted with *Eschscholzia*. We could not find a sign of fruit. Then we drove through the woods. The prevailing tree is oak and the woods were in the very perfection of color. In the

-1887-

one of the most beautiful sights I ever beheld. The predominant color was a deep red, with every possible shade. The Mammoth Hill is named at this season of the year. South Pond is a beautiful piece of water, I should say larger than Fresh Pond. It supplies the Mammoth reservoir. We got out by the Pond and walked about on the shores for a while. I collected a few common plants in fruit. I have collected seeds of a great many plants this year. We returned home by 1.30 p.m. Had for a good dinner, which was awaiting us. After dinner, Mr. Watson walked about his grounds some with me and showed me some of his choice plants. I can well imagine what a fairy land his place must be in the summer and spring. The Magnolias are in flower and other flowers are blooming. Mr. Watson is very fond of the *C. & Lepian tuberosa* and he has an immense quantity of it growing in his garden. It is now in full fruit. Mr. Watson has been a horticulturist for many years and he used to receive seeds from Thoreau. The letter he gave me of T's relates to seeds sent Mr. Watson to plant. Left Mammoth by 3.30 and got home by 6.45 p.m.

1887. The plants were collected

I had a most delightful visit. I have received during the last week a fine work of the U.S. Fish Commission 2 Vol. or 27 plates; also the Cruise of the Revenue Marine Steamer Corwin in the Arctic Ocean in 1885. Wash. 1887. - It is copiously furnished with plates and colored maps of Alaska - I have also received a Report of Bot. Work in Japan. In 1886 in August, Bailey's trip to Fernandina Lake.

The leaves are fast disappearing and collecting is nearly over. I have just received from Dr. H. H. Hyams no. Man. a box containing some 10 species of fruiting Baccarins including L.

Asclepias L.

2 spec. from seeds got in Plymouth, and planted in the spring of '86. They were in fine fruit.

2 spec. from seeds imported from France.

Prunus maritima, Wangerm.

Sandy soil by roadside. Fruit.

Spirea Bourdieu, Torr., Hillside.

Rosa Carolina, L.

Fine fruit. Border of Town Brook.

Myrica cerifera L.

Solidago tenuifolia, Pursh.

Gadium mariscoides, Torr.

Antennaria perfoliata, L.

Linum catharticum, L.

Clethra alnifolia, L.

Rhexia maritima, L.

Shore of South Pond

The plants were collected in the last 22.1887

- 1887 -

- Oct. 30 -

- Cambridge, Mass. -

The past week has been rather cold at times raw and uncomfortable. No rain. I have recd more or less botanical correspondence, a nice letter from Mr. May in regard to his proposed So. Amer. trip. It doesn't seem possible that he will go. I have received this week a copy of Torrey & Gray's Fl. No. Amer. & Gray's Man. 1st Edition from Mr. B. M. Watson of Plymouth in return for the new Syn. Fl. & Gray's Man. latest edition. I am much elated at possessing the old flora. I have mounted quite a no. of plants including Mr. Churchill's. I mounted them all to-day including Miss Readings Fla. Plants, in all 58 sheets. This P.M. I went to Cottage Farm and visited the spot of last Sept. 19, for fruit of *Blutcheria*. It was in prime condition. Explored the marsh by Char. River a little. Then home. Yesterday, I picked up at Burhans, Gray's Man. 4th Edition & 2nd Ed. without the mosses.

Blutcheria campocorata, DC.

Fruit. Same locality as that of last Sept. 19. The fruit was ripe and was blowing about. Boston
Spartina stricta, Roth; var. *glabra*, Gray.

Same marsh by Char. River, Boston. off Brighton Ave.
Trapa putescens, L.

Asparagus officinalis, L.

Waste ground off Brighton Ave. Boston. Fruit
Artemisia biennis, Willd. Brookline Ave, Cambridgeport
Roadside. Well established. Fruit.

- 1887 -
- Nov. 3 -

99

- Cambridge Mass.

Delightful weather this week - I have just received a package of plants from Mr. E. Taxon - It is such a delight to receive plants from him. They are such beautiful specimens, so beautifully prepared. A number of doubtful stems among them, he wants me to look up.

This P.M. I went out to Quincy to see our eleven kick foot-ball with the eleven from C. Adams Academy. It was a most glorious afternoon, clear and not cold. The trees are all of a most beautiful hue and their leaves are fast falling. Our boys beat by 44 to 0. Returned by the 5 P.M. train.

I am reading now Dr. Gray's Revised Edition of the Lessons. It is a most charming book. He has made a good many changes in it and has added considerable.

The herbaceous plants are almost all dead now. Phanerogamous botanizing now is well nigh over for the season. Mr. & Mrs. Kennedy have very recently gone to Europe to see Mr. K's father & mother who are quite sick. I have scarcely seen Mr. Kennedy since the middle of the summer. *Solidago nemoralis*, etc.
Hunt - Open field - Quincy -

- 1887 -

- Nov. 6 -

- Cambridge Mass. -

Friday evening (the 4th), I went over Mr. Faxon's plants and studied some very puzzling *Asters* which he could not name. Sat. P.M. I took the *Asters* to Dr. Gray Herbarium and fortunately got Dr. Gray's assistance. The doubtful plants proved to be peculiar forms of *Aster Lindleyanus* T. & G. They were from Franconia N.H. which is far south of their known habitat. I have written to Mr. Faxon in regard to it. One of the plants has much the appearance of *A. praeanthoides* and Dr. Gray & fruit, was inclined to consider it a hybrid between *A. Lindleyanus* & *A. praeanthoides*.

In the evening I portmanned all of Mr. Faxon's plants, 45 sheets some 20 species all from the Franconia & White Mts Region.

This P.M. (Sunday) Margaret & I walked round Fresh Pond and saw the mountain plains where Stony Brook enters the pond. It was a beautiful afternoon clear and a little cool.

I got a few prints on the way -

Linaria vulgaris Mill

Trifolium arvense, L.

Slope of Fresh Pond.

Galium bicolor, L.


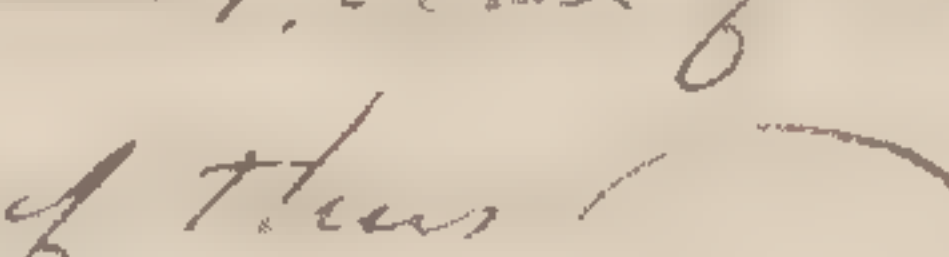
Bank of Fresh Pond Grove where I have

often seen the plant in flower.

Polium Dulcamara, L. Fruit Fresh Pond

~ 1887 ~
~ Nov. 13 ~
~ Cambridge - Mass. ~

101

Weather quite cold during the week.
Mon. Tues. & Wed. I moulded ~~the~~ ^{my} plants.
They are very handsome specimens. Thursday
evening it rained hard. Mr. Newell came to
see my Herbarium. We spent a pleasant
evening. Friday & Sat. I made up a package
of plants for L. A. Bailey Jr. some 120 species.
I shall send him a few (anier to name
and return. Have gone over a small package of
plants from T. J. Burrill, Univ. of Ill. 27 species
14 are fair specimens which I shall put into
my Herb. The rest are worth giving away.
This P.M. Mai Dexter & I took a bus with
some 7-8 miles to Tufts College, then beyond
to the Charlestown Water Works which we
visited. 3 engines, each with capacity of 700000 gall. per day.
The water from Mystic Pond is conducted through pipes by gravitation
to the Water Works, then pumped into the reservoir which supplies
Charlestown, Everett & Somerville. A tank in one corner of the
works contains 2 alligators, 15 yrs. of age, about 12 ft. long. A
temporary staging had been erected to repair the roof, the circles
which supported it having come of them, given away. We saw the circles
thus, , instead of thus . About 12 m. beyond the Works,
we crossed Mystic River and then ~~came~~ through Dublin.

Herbaceous vegetation is pretty well over now. Some
few linger in fruit. I collected a few fruits -
Verbena hastata L. }
Linaria vulgaris, Mill. - W. Somerville
Fruit - Waste ground - Medford -

— 1887 —
 ~ Nov. 27 ~
 ~ Cambridge Mass. ~

Two weeks have passed since my last entry. The weather has been variable, beautiful days mingled with disagreeable wet ones. No days very cold. The weather last Sat & Sunday being bad I did not take my usual stroll and so collected no fruits. Most of my time has been spent going in to school but I have done considerable botanical work. A little over a week ago (Nov. 18) I received a bundle of plants from Dr. August Sattinger Nashville Tenn. of some 150 species. I had asked him for them last spring. They are beautiful specimens and each species is most generously represented, the whole plant where possible in fruit & flower. I have already pressed them, put them into the mounting box and mounted 112 sheets. I did all the mounting, Frid. the 25th I have made very free use of pockets in my work of this year. In the Sattinger plants I have used at least 3 dozen.

The presence of some Herbarium mould on a few of my sheets in the tin cans has caused me much anxiety and leads to grave doubts as to the efficiency of the can. Does its very tightness hold any little moisture and cause the trouble? I am making inquiries ~ Nov 23, sent to Bailey about 120 species of plants.

— 1887 —

Nov. 29 -

~ Cambridge - Mass. -

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Not and disagreeable yesterday. Mounted
some plants, 42 sheets on Sunday Morn. (27th)
and plants yesterday P.M. finishing the
Gattinger collection. To-day the weather
has been clear and cold. I took the
2.20 P.M. to Forest Hills and lunched with
Benj. M. Watson Jr., Prof. at the Buzze-
y Institute, a classmate of mine. I had
a most delightful time talking over old times
and learning about the Institute and the
Arnold Arboretum. Buzze-
y left his estate
of 60 acres to Harvard College and founded the
Institute. Then when Arnold left a large
sum of money to Harvard to found an Arnold
Arboretum, Harvard College gave a large
amount of the Buzze-
y land for the Arboretum.
An arrangement has been made between the
city and the Arboretum by which the Arbore-
tum is thrown open as a public park, while
the city lay out the roads through it and
police it. The Arboretum does the planting.
We went through some of the greenhouses
and, in the garden, I got cuttings of from
1 or 2 dozen kinds of Ribes to send to L. H.
Bailey, Jr. Had a pleasant talk in the
house before returning by the 6.20 train.
Got home by 7.45. Ben gave me 2 acorns
of *Q. macrocarpa*, brought a couple of weeks
ago from Topeka, Kansas, by Lewis, a friend of his.
picked up under a tree, 6 in. in diam.

- 1887 -
 - Dec. 3 -
 - Cambridge Mass. -

Dr. Asa Gray is lying very sick with paralysis (and apparently the end is near). What a shock to his wide circle of acquaintances and to the botanical world at large. I was much shocked this P.M., on going up to the Garden to inquire after him to learn how ill he was. I heard for the first time last evening that he had had a stroke of paralysis. I met Lusk & Dr. Goodall at the Herbarium to-day and heard all about it. Dr. Gray had a bad cold last week and was confined to his room part of the time. Sunday (the 27th Nov.) I went to the house and inquired of Mrs. Gray, who told me that the Dr. was much better and was down in the sitting room, but that she would not ask me in to see him as he ought not to talk. On Monday morning when he came down to breakfast he complained of a trouble in his arm and from that time paralysis has set in steadily more and more. Mrs. Gray never realized how sick he was until Wed. ^{Nov.} Dec. 30 when Dr. James Peabody called. The Dr. lies perfectly still and motionless unable

except his left arm. His right side is paralyzed but not the brain.

to move. His eyes are shut and though he seems in no pain, yet Lusk says that he occasionally groans. Lusk says he sat up in the house last night and once went in to the room to left him into a more comfortable position. He says that the Dr. was perfectly motionless. He seems ^{at times} in a sort of lethargic state. ^{His brain is perfectly clear.} Dr. Gray was working on the Vitaceae at the time of this illness. I saw him last in the afternoon of Nov. 19th when I went up to the Herbarium. Dr. Gray came in to the Herbarium and I saw him there and in the Library. I told him that I had found a few errata in his new lessons on Pottery and he told me to bring my book around the next time I came and he would copy the errata in his book. Dr. Goodale doesn't think there is any chance of his recovery and we can only wait anxiously the issue. The last time I heard Dr. Gray's voice was last Sunday P.M. (Nov 27) as I was talking to Mrs. Gray at the door of the house. I heard Dr. Gray talking in the sitting room.

- 1887 -
 - Dec. 10 -
 - Cambridge Mass. -

A week has passed since my last entry. rather an eventful week in many respects - Dr. Gray stills lives. His mind has been perfectly clear all the time. He has recovered the power of swallowing which had entirely left him and they give him food in small quantities. He has from time to time signified that he wanted to try something new and, by mentioning various kinds of things, they have found out what he wanted. He first swallowed a piece of a roasted oyster. He has taken extract of beef, apocynus water and ~~etc~~ ^{etc} days ago, the 19th he articulated, with difficulty, the word brandy which they have given him in small quantities. His pulse yesterday went down to 94 - How long he will continue in this state or when he will change for the better or worse is very uncertain. I see Dr. Vaughan, his physician every day and learn from him. He is hopeful. I keep James and Berle informed. What a depth of feeling will the scientific world show, should Dr. Gray be taken away. I think that his illness is, as yet, very little known. He is of course very weak. Last Sunday (the 4th) I called on Dr. Goodale and learned from him of the condition

A Subsd. His mind has been very much unsettled of late, partly I think from brooding over his own condition which he didn't think was improving much in his ^{new} ^{ing} cart. He came from White Salmon, Wash. Terr. where he had been used to an out-door life, working on the place, and latterly collecting plants. His father & mother died and he thought he could better himself by coming here. He has been working at the Garden during the past year, doing various kinds of work. He has always been very quiet. Dr. Gray's illness seemed to increase his despondency and he entertained very strange notions that they were trying to drug him ^(I suppose so) at his boardinghouse &c. Dr. Fordace told him he was not well and he arranged to see Dr. Vaughan. I took him to my house Sunday P.M. and talked with him. He wanted to change his boarding place and so I went to Seymour's with him and got him a room. Then I kept him here over night and he left in the A.M. When I saw Dr. Vaughan next day I found that he had found it advisable to send him for complete rest to Limerick. For his mind was much unsettled. He went voluntarily and is still there at the Asylum.

During the week I have done up a package of 150 species of plants and sent them to Dr. A. G. Satterlee. It was a long job. Saw L. L. Deane at the Herbarium this morn.

~ 1887 ~

- Dec 11 -

- Cambridge Mass. -

It seems now that Dr. Gray cannot live very long. For the past two days his breathing has been heavy and his pulse very high, ranging as high as 120. This P.M. I called on Mr. Watson and had a long talk with him. I had not seen him since Dr. Gray's attack. He thinks there is very little hope and that the Dr's working days are over. He talked a good deal about Dr. Gray and about E. L. Greene who has made so malicious an attack on Dr. Gray in the last Pittonia. From Mr. Watson I walked up to the Garden and read the bulletin on the front door that is put up daily for inquiring friends. It read "Dr. Gray not so well" - Fri P.M. The same - Sunday A.M. " Every thing seemed so sad and still - Then I went to Dr. Goodall and sat with him for some time. He told me the whole story of Luksdorf's insanity after his life - Luksdorf last Monday A.M. (the 5th) Strange hallucinations possessed him and he seemed to dwell upon words in a most singular way. He spent Monday night at Seymour's but the next morning he went early to Dr. Goodall and told him that he had much to say to him. "I feel first rate," said he, "and now I see

everything clearly. The plot is all clear now and I believe the Pope & Bismark are in it. Dr. Goodall saw then clearly that the poor fellow was delirious and he got him down to Dr. Fairlow's room after he had taken him to the laboratory to his private room there. In this room he talked to Drs. Goodall and Fairlow - I said he, "I seem to be in Oregon on a mountain top. I look far off over the valley to the distant mountains but especially into the valley and there far low; that's you" said he, pointing to Fairlow. It was sad, but convincing. Well, Drs. Vaughan & Nichols came and at first they made arrangements to send him to Worcester, but it was afterwards decided to take him to the McLean Asylum, Somerville where Seymour & Fairlow went with him in a carriage. One thing he said to Dr. Goodall was strange as showing how his mind runs on words.

"There's a river in the North called the Mackenzie River. Now that in itself would not be strange but then the Pope's minister is named Mackenzie and that is the name of the physician of the Crown Prince of Germany who has a cancer in his throat. The Roman Catholic religion is a cancer in the throat of the body-politic." When giving the names of his brother and sisters who are scattered in the West, he said "Mrs. Stella Suksdorf, Portland,

-1887-

Oregon. Stella, mind the word, Stella means star - "He is my star, my destiny and led me here."

He has a brother in Davenport, Ia. How many brothers & sisters he has, I do not know.

Laksdof has a large pile of plants at the Gardens that he has been sorting out of late though he has never told anybody just what he was doing with them. What will be done with them is uncertain.

Yesterday I had a letter from Mr. Kennedy from Cannes, France. He hopes to be back by the Christmas holidays.

- Dec 18 -
Cambridge, Mass.

Another week flies by. Dr. Gray still lies in bed and the doctor has about the same word to say every evening, that he seems about the same, sometimes a little weaker and again a little more comfortable. I send a Postal daily to Barnes & Bentley. This P.M. I called on Mr. Watson and had a very pleasant talk with him. Laksdof is still at the Asylum and is no better. I called at Dr. Goodale's this P.M. and Mrs. Goodale

told me that Dr. Goodace had just received a letter from Suksoy begging him to come and see him, saying, "It seems now that I am accused of poisoning my parents and there is some plot against me and my brothers." It is very sad.

I have been busy evenings during the past week, copying Mr. Watson's Index to the Trees & Gray's Flora Vol II. - Mr. Edwin Taxon has sent me a second package of northern New Eng. plants some 85 species of most elegant specimens.

Dec - 22 -
- Cambridge, Mass. -

D. Gray is still about the same, though rather a trifle, him somewhat is livelier. I have received a letter from Dr. Galtzinger praising to the highest degree my plants sent him. It is gratifying.

Today a package has come from Seattle containing some interesting Currier and a Bulletin of the College - Prof. D. P. Penhallow has sent me his article on "Mechanics of Movement - II".

Thus far we have had one slight fall of snow attended with rain and to-day a short flurry of snow followed by a sudden fall of temperature. To-night is cold - Christmas vacation begins to-morrow. I shall enjoy it much.

1887
- Dec. 26 -
- Cambridge Mass. -

Christmas Day has come and gone and has brought joy to many hearts and sorrow to others. Dr. Goodale called here yesterday and told me about Dr. May and I also saw Dr. Mayham this morning. He has been growing very much weaker during the past two or three days and finds it hard to take his food. He had a fainting turn on Sat. (24th) from which, however, he rallied. His face is becoming pinched and he is looking more and more changed. As Dr. Mayham told me this morning, he finds it harder to carry the little straws that he has borne easily hitherto. Dr. Goodale says that he has seen Sukrody lately and he seems much more rational and seems to be quite free from most all of his delusions and illusions. He talked freely with Dr. Goodale and said that he knew just where he was and why he was there and that it was ~~that~~ best thing for him to be there. The Dr. proposes my going to see Sukrody with him this week.

The School gave me for Xmas a very handsome Bardon Field-Glass. Margie gave me Darwin's Life & Letters, Bailey, Beale's Grasses of N. Amer. Vol. I, Barnes, a James (Par.) Churchill, Naturalist on the Amazon, Will Brewster 2 vols. of A. W. Fend's Travels. &c &c I have made up packages of plants yesterday for T. J. Barnell, 20 species, for Edwin Ligon

30 species, for Mr. Thos. Murray some 30 species, for
Mr. K. H. H. 52 species

I took the 10.05 A.M. train this morning and went to
Holland and spent the rest of the day with
Mr. Morong. He talked very freely over his
plans for So. America and he is really going
as far as he can see now, sailing by the
middle of June next. He gave me some
Spergularia and his photograph beside
some Who's Library Magazine. I had a
delightful time and did not get home till
9.30 P.M. Mr. Watson's package of
evergreens came this Morn. Plymouth.

D

- 1888 -
 - Jan. 3 -
 - Cambridge Mass. -

The New Year has opened. This is the last day of my Christmas recess. A week has gone by since my last entry. I have enjoyed every minute of it. Thursday Margie & I went out to Dr. Kennedy's and spent the night. The Kennedy gave me a copy of the London edition of Darwin's Life & Letters. How pleased I was. I took out to him 32 species of plants. He returned the next morning. Sunday Margie & I went out to Mr. Churchill's and spent the night. Mr. C. & I worked all day over his plants, sorting & checking off his mounted sheets. I shall have his duplicates later. He returned in the morning. I have got all the Japanese plants in the box and sundry others. Have poisoned all Henshaw's ibashiro plants.

Dr. Gray continues about the same. Sometimes much brighter than others. He does not speak as it requires such an effort. I send almost daily notices to a number of my friends.

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- Jan. 9 -
- Cambridge, Mass. -

Another week has gone by and still Dr. Gray lives on, though very, very weak. Friday evening last (the 6th) Dr. Vaughan did not think that he could possibly live through the night. His pulse was so weak we could get no satisfactory count and he could grasp the doctor's hand warmly. I have just seen the doctor and he says that Dr. Gray's pulse is so weak that he can scarcely feel it, and that he does not think he can live more than a few days. He does not seem to suffer and is quite conscious. It is now 6 weeks since he was first afflicted with paralysis. I have written 16 letters & replies to night to my various friends largely in regard to Dr. Gray. They say they can get no information in any other way - I am very glad to give them the best news. I have had 2 interesting letters from Dr. Feltman this past week. He has covered himself with also one from M. J. Will. Yesterday I finished settling everything in the new typ box and I have finished. I have been again re-elected Secretary to our Shakespeare Association. This makes the 6th year. Bailey is now in Ithaca, N.Y. delivering a course of lectures at Cornell Univ.

- 1888 -

Jan. 19 -

- Cambridge, Mass. -

Since I wrote last, Dr. Gray has continued living alone, varying just one way and then another. On the 11th Dr. Angier told me that he was rather improving and showing decidedly more vitality than usual. He could say two whole words consecutively, repeating what somebody said to him. Mrs. Gray said "You have some pain, haven't you?" and the Dr. nodded. "Is it in your head?" He shook his head. "Is it in your chest?" "Pain in chest" he said, seeming to be more able to repeat than to originate a remark. But this morning, the doctor said that he had not had a good day yesterday, not being able to keep down his food. Poor man - I do hope he will not be called upon to suffer.

Last week ago, Jan. 12 (Thurs.) I went down to Seymour's and spent a very pleasant evening. I met Wm. H. Setchell of Norwich, Ct. grad. of Yale. 1887, studying Botany here, Kinsu Miyabe the Japanese studying botany here, Sanougi. Dr. Goddard's assistant & Mr. Eigenmann from Cal. a biologist. Jan 10 I mounted 54 sheets & Jan 15, 82 sheets. I have now mounted *Senecio* plants, 139 sheets. Fatterer's collection made 186 sheets. I received an interesting letter from Bebb lately. Bailey returns to Wash. Tomorrow, from Anaca, N.Y.

~ Jan. 22 ~

~ Cambridge - Mass. ~

Dr. Gray grows weaker and weaker and yet it seems as if he did not have life enough to grow weaker and live. They attempted to raise him two days ago and they had no sooner got him up, than his head sank back and for a short time he was pulseless. Nobody dares to say how long he will live. I called on Dr. Eodale this afternoon and he told me about Seeksom. He had called on S., Dec 14th & 20th. He talked very frankly and openly with the Dr. and S. that he wanted to get away. "You thought I was insane when you brought me here, but I am right now." Dr. E. told him he was not all right, that he had delusions and thought everybody was against him and he should wait till he was free from those. S. admitted it. His delusion now is that they are trying to poison him and he dislikes to take his food. He has been removed to a corridor which Dr. E. says is anything but attractive. The light-headed patients wandering up and down the way. Last evening Mayall & Litchell called and we passed a very pleasant evening in my study and herbarium. Yesterday A.M. I mounted 42 sheets and this A.M. & P.M. 22 sheets. I attended a lecture last Wed. (25th) by Prof. Hiles on Mountain Sculpture. Very instructive. Weather clear & cold. 6° - at 7.30 P.M.

1888.
 Jan. 26 -
 Cambridge - Mass. -

Since I last wrote, Dr. Gray has continued along just about the same. He is very weak -

I finished this evening mounting the box of plants that I have been at since the 8th Jan. I mounted Jan. 23rd 17 sheets, 24th, 36 sheets & 26th 19 sheets.

I was very much surprised and pleased last evening to receive a notification from the Corresponding Secretary of the Torrey Botanical Club that I was unanimously elected a corresponding member of the Club at its last meeting held on the tenth inst. - It is a very gratifying compliment which I highly appreciate. I have just written a letter of acceptance.

Last evening I went to a lecture in Boston by Major J. W. Powell on Savagery, Barbarism, & Civilization. I dined with Charlie Fiske, 140 Marlboro St. The lecture was very instructive. Letters lately from Barnes & Mr. Morong.

- 1888 -

- Jan. 30 -

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- Cambridge: Mass. -

Two or three days ago, The doctor (Dr. Byrman) said that, had not Dr. Gray rallied so often, he would not expect him to live through the night. But the next day his pulse was stronger and now he is just about the same, only a little weaker and weaker. Sat. & Sunday last (28th + 29th), I distributed over 200 sheets, finishing the box and then to get room into my Herbarium, I had to stretch it to the utmost limit, so that now every hole is occupied and I shall hold out for another year. I shall receive some plants from Mr. Churchill, tomorrow and Bailey will send me a few Carices later. With that exception I think I shall receive no more till next Fall. Mr. Thos. Meehan sent me today, a package of his articles on Botanical subjects some 2 dozen in all. I have done up a package for Bailey of Carices from Saltinger and Churchill for him to name and return. Manda has given me his article on "Our Native Plants" -

1888-
 ~ Feb. 4 ~
 ~ Cambridge Mass. ~

Dr. Asa Gray has at last gone to his rest. He died peacefully, Monday, Jan. 30th just 9 weeks after the pneumonia & stroke first came on. He was more or less distressed during the day, took some nourishment at 3.30 P.M. and shortly after passed into unconsciousness in which he remained till the end. He quietly breathed his last at 7.30 P.M. His wife and attendants were by him. Dr. Libman who used to visit him in the afternoon was unable to attend on Monday, and so Dr. Vaughan went round about 5.30 P.M. He found Dr. Gray unconscious and dying. He found there was nothing to do and said that he would come round again at 8 o'clock. So neither physician was by his death bed. All is over now and the peaceful spirit is at rest. How many grieving hearts has he left behind but how grateful are they all that they have been so enriched by his long life so nobly spent & ~~about~~ his wonderful mind which has produced so much to our profit and his warm and genial manners which won for him the hearts of all. I was very much pleased and gratified to be invited by Mrs.

And I saw through a letter from Prof. C. M. Jackson
 his nephew - The day is set as when to the
 funeral - The services were on Thursday the
 12th Feb. at Appleton Chapel at noon. The day
 was beautiful, clear, and rather cold. I did
 not go in to school. After breakfast I
 went over to the garden to see if I could
 see Mr. Jackson. I saw him and also
 Mr. Walford and Dr. Goodale. Miss Gray
 asked me if I would like to see the
 remains, but I preferred to think of the
 Dr. as I had always seen him. His
 body lay in the study, just where his
 table was where he did all his work
 and as I stood at the door I could
 just see his forehead, suggesting the
 man as he was. A few pots of orchids
 and other plants were in the room.
 I went down to the Chapel by 11 A.M.
 and watched the decorations that were being
 put up about the pulpit. They were very
 simple but very beautiful consisting of
 evergreens and white flowers, snowdrops
 orchids, roses &c. By 12 o'clock the
 people were all seated. Among them were
 Dr. N. L. Britton, Prof. D. E. Eaton, Mr.
 J. M. Bailey, Dr. Geo. S. Kennedy, Mr. Kemp,
 Mr. Watson & Son, John W. Holmes, James
 R. Lowell, D. Torrey, son of John Torrey &
 others. The ushers were seven in number
 Dr. W. F. Fairbrod, two sons of Mr. C. W. Loring, Mrs.

1888

Gray's eldest bro. who is in Sikeston S.C.
 Mr. Pat. Jackson, Jim Rutnam & Ernest
 Jackson. Char. Jackson was took the en-
 tire chaise. The mourners came in at
 12, and the casket was brought into the
 front of the church, preceded by the pall-
 bearers, Dr. Merrill, Norman & Mr. E. Dixwell,
 Mr. Searns, Walton & Prof. A. Lovering, Prof.
 G. Rutnam & Prof. D. C. Eaton, in two in
 order mentioned above. The services con-
 sisted of reading in the scriptures by
 Mr. Frank Peabody and an address &
 prayer by Rev. Mackenzie, both very
 impressive. About seven carriages
 went to Mt. Auburn. I went and saw
 the casket laid away in the ground.
 A short prayer was made by Rev.
 Mackenzie. No ladies went to Mt.
 Auburn, and at Mr. Gray's request
 the gentlemen did not raise their hats.
 I was introduced to Prof. Eaton and
 returned in the same carriage with
 him & Dr. Farlow. A little later
 in the P.M., Dr. Kennedy & Dr. Britton
 called and I was very glad to meet
 for the first time the latter. He said
 that he had never seen a better
 ordered Herbarium than mine.
 I had received a letter from him
 dated Jan 30th in which he urged
 me to write an obituary notice of
 the Dr. We talked it over for some

time and I finally agreed to think it
over seriously and let him know very
soon. I think now that I shall accept
it. I feel very doubtful of my ability
to do it justice. It will be printed in
The Mar. No. 1. The Toney Bulletin
which is extensively read.

Dr. Kennedy left before Dr. Britton who
staid till 10 P.M. I was very
much pleased with him indeed.

Tuesday Mr. Churchill gave me a lot
of plants. Mr. Moray has written me
that Dr. Kennedy has given him \$200.
for his So. Amer. Trip. How generous.

Monday the 30th Jan. I met Mr. Moray
who came down partly to see Dr. Gould
about Lin. Amer. I had arranged a
meeting but by mistake Dr. Gould
had forgotten it and Mr. Moray didn't
find him at home. He spent an
hour and a half with me before he
returned to Ashland. I have received
letters of late from Bailey & Rebb.

- 1888 -
 - Feb. 20 -
 - Cambridge Mass. -

During the past fortnight I have been incessantly busy on my sketch and at last I have sent it off. I trust that Dr. Britton will be satisfied with it. Mrs. Gray has kindly written me twice in regard to Dr. Gray's journey - I had not known before that he went up the Nile. I have consulted everything I could get hold of - Torrey Bulletin - Botanical Gazette - Gray's life - The Gray - & - 12 - 11 rows papers - & - & - & - & - & - and I have consulted Drs. Soodale & Watson. I took my article, when finished, to a type-writer on 130 Washington St. and read it off. Paid 20 cts a sheet. 20 sheets. \$4.00 -

Feb. 8th I heard a very interesting ^{lecture} of Dr. Geo L. Soodale on "Seeds" in Association Hall.

Feb. 15th I heard Dr. Soodale deliver a address on Dr. Geo Gray at the Nat. Hist. Rooms. It was admirable, as were the resolutions offered by Dr. Geo G. Farlow.

Letters lately from Dr. Britton, Prof. Trelease, Prof. Bailey (L.H.) Mr. M. J. Bebb has sent me lately, 87 autograph signed botanical letters - - - - Letter just received from Mrs. Britton. She says "Your tribute to Dr. Gray is charming and all that we could desire. With the resolutions from the Club and the portrait the subscribers ought to be pleased." - Gratifying surely -

~ 1888 ~

Feb. 26 -

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~ Cambridge Mass. ~

During the past week I have done a variety of things. I have gone over Churchill's bundle of plants and have put some 50 sheets in the box. The last the 22nd, I went out and spent the day with Mr. Churchill. He returned to town with me and attended Dr. Goodale's first lecture at the Lowell Institute on Forests & Forest Products. A Syllabus of each lecture is printed and distributed, which is a great aid. The lecture was most interesting. Met Dr. Thos. Keeney. Came home with Dr. Goodale. During the latter half of the week we have been busy moving into the new school on Chestnut St. On the 23rd, I received the proof of my sketch of Dr. Gray. One had been sent to Mrs. Gray, whom I called on in the evening. She gave me a number of valuable suggestions and seemed interested in what I was doing. Father helped me write the proof and I returned it yesterday. Yesterday I went out to Dr. Kennedy's in the P.M. in a snow, hail and drenching rain storm. Walked up from the station. Had a delightful time. I returned alone to Boston and attended Dr. Goodale's 2nd lecture. It was on Physiology and, as usual, most entertaining and instructive. Came out with Dr. Goodale. Mr. M. S. Bebb has written me again sending me more autograph letters. In the afternoon, the 23rd I went over to the Mexican mission with Dr. Farlow to see the priest. He appeared quite well and rational and seemed very glad to see me. I can't help but think that he will come out all right. The Asylum seems to me a depressing place. The walk home. I mounted today 50 sheets.

— 1888 —
 Mar 5th
 — Cambridge, Mass. —

Dr. Goodale's lectures last week were as
 delightful as ever. He is an ideal
 Lecturer. Shakespeare Club last Tues.
 Play XIIth Night. Interesting letters this
 last week from Barnes, Bailey, Lloyd,
 Mr. Mearns & Mrs. Allen.
 Have received the "no. of Garden & Forest"
 interesting notice of Dr. Gray by Prof. C. S.
 Sargent and review of "Elements of
 Botany" by Dr. Goodale. Dr. Goodale
 sent me a copy of the Pharmaceu-
 tische Rundschau with a sketch
 and picture of Dr. Gray, by the editor
 Hoffmann. Dr. Goodale furnished
 Hoffmann with a good deal of the
 information. I received yesterday
 from Miss Heady who is in Florida, a box
 of fresh wild flowers some two dozen species.
 They were in good condition and most
 interesting to see for the first time.
 I have pressed a few of them. *Polygala*
lutea & *nana*, *Lymphoclos tinctoria*, *Viola*
pernucular & c.

- Mon. 19 -

- Cambridge, Mass. -

Since I wrote last I have attended
three more of Dr. Goodale's Lectures. They
are of great interest. The Torreya Bulletin
has appeared at last. I am interested
to see my sketch in print. Mrs. Britton
has sent me 25 copies and Mrs. Gray 5.
I have distributed a number of them and
have received some pleasant letters in
reply. O. K. Barnes has sent me his
photograph - an excellent likeness, and
also a sketch of Dr. Gray which he put in
the Western Naturalist. A portrait
was to have accompanied my notice but
it proved a failure and the numbers
were sent out without it. It will
appear, I hope, in the Apr. no.
I have received letters from Mr.
Mons. Smith, Barnes, Prof. C. D.
Smith and others. Mr. May has
resigned from his church and his trip to So.
America looks now like a real thing.
Dr. Goodale has given me a copy of Prof. Davis's
Memoir of Dr. Gray. I called on Mrs. Gray
Sunday P.M. and she showed me a scrapbook
filled with the notices of Dr. Gray which she
had been collecting.

- 1888 -
- Mar. 21 -

- Cambridge, Mass. -

Have attended two more of Goodale's lectures.
 Mrs. Britton has sent me 6 more copies of
 my portrait with some of the portraits,
 which I shall not distribute. They are
 very good likenesses, but are very weak.
 They were done by the Photo-Engraving Co.,
 67 Park Place, N.Y. Dr. Farlow's notice in
 the Sag. just out is a very beautiful one.
 Mr. H. S. O. Blake of Worcester has most
 kindly sent me an autograph letter of
 Henry D. Thoreau and he is going to send
 me a daguerreotype taken about 1854 for
 me to have a photograph from. It is
 extremely kind of him. Burnes has sent
 me a copy of "The Bridge" a book pub-
 lished by the printer (Lans & Madison
 full of a bridge from 1811 to 1812) and
 Henry and his father have (W. W. Bailey
 of Providence. Last Sat (17th) Mr. May
 Dore and I went with him to
 Dr. Gould's where we talked over 10. & over
 for about one hour. Then returned to my
 house till Mr. May went home.

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- Mar. 28 -

- Cambridge, Mass. -

Two more lectures from Dr. Sordales, both of them highly instructive and entertaining. Bailey has sent me a photo of his babe, 8 mo. old. It is very cunning. Webb has written me a most amusing letter - I have sent him on answers to his Latin questions and a tracing of a rapid action from L. Davis & Flora Kottica done by sister Mary, a most exquisite piece of work. Bailey has sent me a few flowers.

- Apr. 8th -

- Cambridge - Mass. -

The last few days have passed quickly. It has been Easter recess Mar. 29 - Apr. 1 - Dr. Sordales last lecture on Forests was most interesting. It related to Landscape Gardening. I have attended two of his lectures to the ladies at the Nat. Hist. Rooms. They were on Ferns. Thursday I spent at Dr. Kennedy's and had a very good time. Through his office I got on the place! Saw some elegant slides. Tuesday, the 5th, I spent the P.M. at Jamaica Plain with Mr. E. Faxon looking over his Herbarium. I have been carefully over 4th volume in copy of Mrs. Owen's Flora of Mass. and spent nearly two whole days at it. It will be an excellent thing. L. L. Davis's Flora of Midd. Co. is coming soon. Mrs. Gray has given me a photo of Dr. Gray taken in 1866. I went to Waltham this P.M. with Mary Dexter. We

- 1882 -
 - Apr. 22 -
 - Cambridge-Mass. -

Sunday - Overcast with occasional light showers - My principal botany work during the past two weeks has been to prepare and mount some 75 sheets of Canadian plants sent me by Mrs. M. L. Allen - The plants are very interesting. Mrs. Allen has written me a letter expressing warmest thanks for my assistance - The flowers - I am going to have 100 copies of my sketch of Dr. Gray struck off by Wilson. Uncle Robert has urged me to - The buds are swelling, but as yet that is about all. This P.M. I walked over to the R.R. cutting, and visit the *Tussilago* ground - Found some half dozen flowers only partly open. Last year it was in good flower on Apr. 23rd -

1888

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Apr. 30
- Cambridge Mass. -

Birthday Apr. 23rd - 40 yrs. old! - Weather during the past week has varied from very warm to chill. The buds are opening, the grass is getting green and a few warm days will make a great change. Last Saturday I verified at the Gray Herb. the Canadian plants last mounted. I have also verified some in Mr. Churchill. Sunday Dr. Raymond spent some hours here concerning the Mt. Desert Flora that is in anticipation. I have just received a copy of the Easternman Memorial from Dr. Louis Mo. I shall have it bound. It contains all his publications and is a very handsome affair. I saw Mr. Kennard yesterday in Boston in Beacon St. and had a nice chat. One of our great pleasures is to hear so often from my botanical friends. Prof. C. C. Bailey has just sent me from Iowa a collection of Alnus (arises some 18 species which I have just got ready to mount. This is the time to settle up my mounting account during the year.

- 1888 -
 Apr. 30
 - Cambridge Mass. -

Synopsis of C. Deane's mounting
 in the autumn, winter & spring
 of 1887-8 - I began May 4 - 1887
 and ended Apr. 22 - 1888. I worked
 177 times. My longest days work was -
 Nov. 25 - 112 sheets ÷ up to Jan. 15 - 82 sheets -
 up to Aug. 14 - June 30 - 70 sheets. On 10 of
 the days I mounted 50 or over - less
 on all the other days - Sheets from Herb.
 new sheets 1400 - 140

During the same time I have put in
 Genus. Species ~~Kept~~ cum sp. Var. sine sp. Crosses
 40 - 230 - 24 - 14 - 1 -

- 1888 -

- May 9 -

133

- Cambridge Mass. -

During the past 2 or 3 days there has been a grand jump in Nature and the trees are beginning to burst out in their delicate green. Last Friday (4th) Mr. Moray dined with me and spent the evening. We had a pleasant talk about his coming trip, especially to So. Amer. On Sat. P.M. at about 6 o'clock I was surprised by a call from Mrs. N. L. Britton. I knew she was coming to Cambridge but I didn't know she was here. I was very glad to meet her. She brought me the prototype of Dr. Gray for May no. of the Bulletin. They are a most excellent reproduction of the Page photo. Taken May 16-1887. Mrs. Britton dined with us Sunday and we spent the afternoon in my study & herbarium. Mrs. Britton is 31 yrs old. Birthday Jan 19. Mr. " " 30 " " Jan 24. Mr. B. has been staying with Mrs. L. J. Livermore on No. Ave. M. & I called on them Monday evening. My 100 copies of my notice of Dr. Gray, reprinted by Wilton have come. It makes a very pretty pamphlet. Uncle Robert most kindly pays for them. May 3 I mounted 18 sheets of the Olney Caricatures. Prof W. W. Bailey wrote me a very interesting letter, May 1 -

- 1888 -

- May 10 -
- Cambridge Mass. -

This P.M. I went up to Lake View
by the Water Works for a Poplar.
The fields were white with *Houstonia*.
62 *fulva grandidentata*, Michx.
Young & fl. Tree in field off Lake
View Ave. near Fresh Pond -

- May 13 -
- Cambridge Mass. -

Since my last entry, almost incessant
rain, equalled only I think by my ex-
perience last summer in Montague.
This P.M. I took the horse car for Water-
town and got off at School St. and
walked up over the hill to the Salway
Woods where the *Erythronium* grows in
great profusion. (Comparatively speaking
very little is out yet, though many
plants are pushing out of the ground very
rapidly. The *Arisaema* is just appearing,
a few *Erythronium* are out, the leaves of
Symplocarpus are getting large, the little
Uvularia sessilifolia is beginning to
open its flowers, while hidden on by
Clematis Brook and the railroad track
I saw a number of interesting plants -
Carex Penn. & *stricta* in staminate
flower, *Sanguinaria* in full flower and
shedding its petals, *Viola pagetata* in

... various species of ferns ...
 their ... fronds, the little white
 Saxifrage covering the hill slope, patches
 of the pretty *Cuscuta monarda*, *Thalictrum*
cernuum in bud, the bud budding gradually
 under the leaves, to open in blossom.
 The small early *Antennaria* (Antennaria)
 which under the shade of a stone wall
 grows the *Pilea pulegens*, var. *scaberrima*.
 This is the only place I know of for this
 plant. It is just beginning to flower
 now. *Andrea Benzoni* is bright yellow
 now with its singular clusters of flowers
 and in the field by the road close to the
 brook, *Polypodium* (Andropogon) has completely
 usurped a large piece of ground. Its narrow
 green leaves are now nearly a foot high.
 The flowers of the Red Cedar are well set.
 The rain which fell in the early P.M. came
 on again at 4.30. I walked back to the same
 place for the horse car and reached home by
 5.40.

Erythronium Americanum, Smith.
Thalictrum dioicum, L. & fl.
Asmunda Claytoniana, L. young.
Erigeron Pennsylvanicus, Lam. in & fl.

Belmont

Erigeron strictus, Lam. in & fl. (on Tussocks)
Juniperus Virginiana, L. & fl.
Thalictrum

Asmunda Claytoniana, L. Bank Belmont.

~ 1888 ~
 ~ May 14 -
 ~ Cambridge Mass. ~

Rain again though it held up this P.M. I took the train out from Boston to-day by the Fitchburg Depot at 4.15 and visited the spot by Fresh Pond marshes referred to in my note of May 21-1887. I found the *Myrica Gale* in good & fl. The catkins are very caducous -
Myrica Gale, L.
 & fl. Fresh Pond Swamp

~ May 20 -
 ~ Cambridge, Mass. ~

A stormy week, but a most glorious day, to-day. This A.M. J. J. Greenough & I strolled up to Fresh Pond and visited the Water Works. This P.M. we took the 2.18 train for Waltham and went on to Prospect Hill. View glorious - everything brighter and greener. *Nola sacillata* & *pedata* abundant. Plenty of *Aquilegia*, but mostly picked. *Vacc. vacillans* in flower. Saw a little *Asplenium Trichomanes*. *Acrostaphylos* abundant on the top in flower. Mr. Morong called Friday P.M. at 4.45. He went at 5.30.

Ranunculus fascicularis, Muhl.

Abundant on top of the higher summit of Prospect Hill, Waltham. Flowers too late for flower.
Acrostaphylos Uva-ursi, Spreng.
 Top of Prospect Hill, Waltham. Flowers Abundant.

- 1888 -

- May 27 -

- Cambridge - Mass. -

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We have had a very beautiful week, fair cool weather. Maggie went to N.Y. to visit a cousin, Tues. returning Sat. Prof. Geo. Bailey sent me last week, a most interesting, but sad account of the tragedy of 1852 related briefly in the East Gazette. L. H. Bailey writes a most entertaining account of his coming Mich. time and trip to Europe. Friday, Mr. Moore & I went out to Dr. Kennedy's in the 2.40 train. We had a delightful time. Went on to Blue Hill. Saw all the family. Returned after tea. This P.M. I went to Waltham and went over both summits of Prospect Hill. *Viola pedata* colors the slopes. The oaks are in full flower - all nature is fresh and bright. I collected a few things before supper. Mr. Britton has sent me a number of pamphlets.

Quercus alba, L.

♂ fl. of same tree as that of Sept 18. 1887. Waltham.

Quercus ilicifolia, Wang.

♂ fl. Prospect Hill. Right hand side of road just way up.

Viola pedata, L. flower

Lyimachia quadrifolia L - young plant,

Ranunculus fascicularis, Muhl., fruit.

Higher summit of Prospect Hill.

Vaccinium pennsylvanicum, L.

Blue Hill - Milton. May. 25th

- 1888 -

- May 29 -

- Cambridge - Mass. -

Rainy day, yesterday - Cloudy this A.M.
 clear and warm this P.M. This P.M.
 I went up to Fresh Pond and visited
 the sunny slope at the Grove where I
 gathered the large-leaved Viola in June
 last Oct. 15-1887. The slope was covered
 with Viola sagittata in flower, thus giving
 a name to the fruiting plant. I showed
 the fruit to Dr. Gray last fall, but he
 was not willing to name it, but told me
 to get flowers of it next spring.

Dr. Rusby has sent me his "Loca et
 home & abroad" and Prof Trelease his
 "Revision of the Geraniaceae".

Viola sagittata, Ait.

Sunny slope of Fresh Pond Grove. Same
 Locality as the spec of Oct. 15-1887.

- May 30 -

- Cambridge - Mass. -

Cloudy. This P.M. I went to Oak Island by the 3 o'clock train
 Fitchburg Depot and returned by the Revere Beach R.R. in time for
 supper. Decoration Day and crowds of people! Hoped to find
Cerastium arvense on the beach but didn't. The woods at Oak Isl.
 were fresh and green.

Urtica perfoliata, L. abundant. Full flower. }
Aclæa spicata, L. var. *ruba*, Ait. }
Anemone nemorosa, L. }

Oak Island Grove. Revere.

- 1888 -

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June 1 -

- Cambridge, Mass. -

Took the train to Fresh Pond this P.M.
Populus grandidentata, Michx.

Same tree the spec. of last May 10 -
The pods are beginning to burst.

June 2 -

- Cambridge, Mass. -

Took the 2.35 P.M. train B. & A. R. R.
with Mr. Churchill & H. A. Purdie for Newton
Highlands. Walked over to the Newton
Filtering Basin in Needham which I
visited June 7-1884. There was the same
profusion of violets and I collected a
number - they were in fine bloom. It was
a most beautiful day and we had a refresh-
ing walk. Returned by the 5.57 train. I
reached the house by 7.15.

Viola palmata, L.

sagittata, Michx.

" *lanceolata*, L.

Grassy slope, Newton Filtering Basin &
back of Charles River close by, Needham.

Thalictrum dioicum, L.

Roadside - Newton Highlands -

& fruit - young -

I found abundance of *Carex siccata* young.
I hope to get it later -

— June 3. 1888 —
 — Cambridge. Mass. —

A most perfect day - clear and not warm - Fresh breeze - This P.M. Helen & May Dexter, Louis Drake and I went to Waltham and spent the time allowed on Prospect Hill - Each week shows a marked advance in the vegetation - The oaks and hickories are in full flower, *Quercus ilicifolia* is about gone by, *Viola pedata* is still abundantly in flower but it won't last much longer - We gathered a number of things and my smaller box was filled with flowers for the parlor, *Columbina*, *Viola*, *Silene Pennsylvanica* - Took the 5.06 train home -
Quercus prinoides. Willd.

Summit Prospect Hill, 2nd top. & Just over the stone wall below the beacon some 10 ft. from two small trees growing together. Marked the shrub.
Quercus alba. L.

Same tree as spec. of last May 27 - & fl.
Carya tomentosa, Nutt.

Prospect Hill. Near rocky ledge. Noted the tree.
Ranunculus fuscularis. Muhl.

Summit of 2nd top. Prospect H. & C. 300 ft. from
Amphicarpaea monoica. Ell.

Seedlings - Prospect Hill. Same locality as the specimens coll. last, Oct 16 -
Quercus bicolor, Willd.

& fl. Foot of Fresh Pond Lands on the left just round the corner - Cambridge -

June 5. 1888 -

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- Cambridge Mass. -

This a.m. I walked up to Fresh Pond and got a few plants. It was very hot.

Ranunculus abortivus, L.

Luzula campestris, DC.

Fruit - Shady bank by Pond. Near Fountain

Carya porcina, Nutt.

8 spec.s from the two trees from which I collected fruit last Oct. 8 -

Geranium maculatum, L. Bank by Fresh Pond

June 9th

- Cambridge Mass. -

A pleasant a.m. with Dr. Kennedy in motor.

After a 10 o'clock dinner we took a horse & buggy

and drove here and there through Canton

stopping and examining woods & vogs at random.

It was quite warm, though quite cool

toward sunset. Found *Struthus* abundant

in a vey - I got some plants & seeds

fresh & Lloyd. Pleasant tea. Took

the 7.53 train home. Reached the house

at 7.25. Harold has beaten Galt. Friends from the 8

Cardamine rhomboides, DC.

Rich wood - In flower.

Ranunculus recurvatus, Poir.

Fruit. Woods by brook -

Ranunculus repens, L.

Boggy field -

Canton

1888.

- June 10 -
- Cambridge, Mass. -

This P.M. I walked up to Fresh Pond
and collected some specimens from some
Caryas -
Carya porcina, Nutt.
3 spec from the two trees of last Dec 1 -

- June 12 -
- Cambridge, Mass. -

This P.M. I took the 2.35 train for Newton
Highlands and visited the locality from
which I got young Carya siccata June
2. It was in fine shape. Took the 3.52
train back.
Carya siccata, Desf. (See L.A.B. gr. from similar spec
sent him growing with them).
Dry sandy bank - Newton Highlands.
Thalictrum dioicum, L.
Roadside, Newton Highlands.
Same plant as spec. of June 2 -

- June 13 -
- Cambridge, Mass. -

I attended this evening the Memorial Meeting
of the Amer. Acad. in honor of Dr. Gray. Mr. Mather
and Mr. Gooden read excellent papers and Dr. Fernald
read a biography which was a masterly production.
Pres. Ellin made some remarks.

- 1088 -
 - June 20 -
 - Cambridge Mass. -

I went up to Fresh Pond by the mountain
 this P.M. and got - two plants -
Ranunculus abortivus, L.
 Fruit in pocket and specimen (}
Luzula campestris, DC. }
 Ripe fruit
 Moist shady bank by the fountain.
Thlaspi arvense, L.
 Roadside - Abundant in one place
 opposite 2nd house going directly away from
 the fountain up the new road -

- June 24 -
 - Cambridge Mass -

Yesterday was intense - between 70° & 100° in the shade.
 In the P.M. I went out to Brookline & visited Mr. Fred.
 Bowditch's apiary. It was extremely interesting.
 Saw Queen, Drones, & workers, and comb in all its forms.
 A number of workers in front of the hives were venti-
 lating it.

This P.M. M. & I went up to Fresh Pond by
 the Fountain.

Ranunculus abortivus, L.
Luzula campestris, DC.

Fruit. Same spot as spec. of last June 20.

Typha latifolia,

Growing. Same spot - as spec. of last - June 25-1887.

~ 1888 ~

June 26.

~ Cambridge Mass. ~

This P.M., I met Mr. Morong at Geo. E. Davenport's and we went over to Charlestown and visited the Erie J. Key, the bark that Mr. Morong sails in from the F.O. Dinner. She has not yet begun to load and it will take 3 wks at least. I went all over the vessel and it was very interesting. Mr. M's quarters will be in the cabin on the after-deck. His state-room ^{on the port side} is 10 ft. square and is opposite the Captain's. We met Capt. Key who is a large, good looking pleasant man. The 1st Mate, by name Hamlin, was very polite to us. His wife and 5 yr. old girl go with him. Beside there are a 2nd Mate, Steward and 8 Sailors. Mr. M's room opens into the after-cabin. The forward cabin adjoining is the dining room. The Mate's berths open from it. The Sailors' quarters are on the forward deck. Mr. M. can take his exercise on the poop-deck. The bark is 3 masted and is 315 tons burden. She must be 160 ft long. The Capt. showed us on a chart, the route to Buenos Ayres. It bears well eastward then turns S.E. using the N.E. trades, passing not far from the Cape Verde Isles, then S.W. using the S.E. trades. Voyage 60-70 days. Dry & eat on board. Cargo of lumber - It rained torrents during the P.M.

- 1888 -

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- June 29 -

- Cambridge Mass. -

Vacation is ~~being~~ under way! Mr. Churchill & I went out to his house at noon and after dinner took the 2.30 train from North Crossing for N. Quincy. From there we had a most delightful tramp through the woods, moving about for 5 hrs. and coming out on the Randolph Turnpike, where we met Mrs. Churchill with a carryall. Yesterday and to-day it has been positively cold and we were cool all the time. The drive to Deduxton and the ride in the horse car to Boston was a cool one. The tramp in the woods was most refreshing. We saw a great many specimens of Quercus Prinus and collected a number of plants. Reached the Turnpike by 7.45. Reached home by 10.15. Last evening, J. M. Coulter & J. N. Rose came to the house. Jolly time. They went over my Umbelliferae & genus Hypericum.

Carex folliculata, L.

Pogonia ophioglossoides, Nutt.

Typha latifolia, L. pollen grains 4 celled.

Horcus Cayatus, L.

Low, swampy ground -

Viola pedata, L.

Thalictrum dioicum, L.

" *purpurascens*, L.

Festuca nutans, Willd.

Rich woods -

Candamine lucifuta, L.

Running brook.

(best Quincy.)

1889
 June 30 -
 - Cambridge, Mass. -

A pleasant day, slightly warm -
 This A.M. I went up to the Garden and
 saw Coulter, Rose & Mr. Watson.

This P.M., A. St. Purdie & I took the
 2.30 train for Bellerby Hills and botanized
 along the R.R. track and through the ad-
 joining woods to Rice's Crossing where we
 took the 5.11 train back. I returned to
 Newton & thence home by horse car reaching
 the home by 6.25 just avoiding a thunder
 storm. I collected but 2 species of
 plants but they were of much interest
 and first finds -

Lepidium campestre, R. & S.

Flower & Fruit. This grows in the
 greatest abundance in the sandy soil
 by the R.R. track and on the adjoining
 bank for the space of 1/2 m. from W. Hill's
 Station toward Riverside, N. side of track.

Stellaria borealis, Bigelow.

This also grows in the greatest
 abundance in the same range as the
 above in the brook by the track -

- 1888 -
 - July 4 -
 - Cambridge, Mass. -

July 1st I staid at home and spent a good deal of the time getting plants in the box etc. July 2nd Monday I went to the Garden in the A.M. and in the P.M. (Coulter, Rose & I) into the boat to Nantasket Beach. We roamed about for 1½ hrs. and on our return, dined at the Pease House. Had a jolly time, Rose had never seen the ocean. July 3rd went to the Garden in the A.M. and had quite an expedition to see some berries in the structure of the *Juniperiferae*. In the P.M. M. & I went to Boston and met Rosalind Larrabee at the B & O. Depot, 3.30 P.M. She was going to Mt. Desert with Miss Ryerson. We talk her about the city till 5.30, when we returned home. Mounted 14 sheets in the evening. Mounted plants this A.M. sheets. Saw Coulter & Rose Thurston. They are coming to town tomorrow evening. Have received from Washington, Agnes Repner for 1887, Turner's Nat. Hist. of Alaska &c.

- 1888 -
 - July 8 -
 - Cambridge, Mass. -

Delightful weather. Was at the Garden
 Sunday (5th) - Carter & Rose took tea
 here in the evening - Friday (8th) we
 there went out to Dr. Kennedy's. Had
 a good time. (Back up Blue Hill
 this clear and cool. - Fine fine -
 home by 9-15 - Sat. (9th) Carter &
 Rose went off for Phila. by the
 steamer. In the evening I
 went to Dr. Goodale's. Pleasant
 evening. He read his summer class
 and a number of his oldassis-
 tants. This P.M. Mr. Hanson
 went out to see Father with me
 and later Mr. Smith of Bullimore
 teacher of Normal School visited
 my Herbarium -

July 9th
 Dedham, N.H.

We took the 3.05 P.M. Dedham Depot and reached
 Dedham at about 4.30 when we were to visit at
 Dr. J. M. Davis's for - R. The family con-
 sisted of Dr. & Mrs. Davis - House 1 1/2 miles
 from the station (Dedham) on a hill over-
 looking the river; (containing river and valley stretch
 north - Mendon Brook runs to the west, some
 2 m off - The Kennebec (Dedham) runs to the
 north on a clear one. Heartly welcome -

- 1888 -
 July 10th -
 Peterboro - N. H.

I have had a most delightful day. The day was
 clear and warm. I had a hearty
 breakfast at 8.15. I went out to the
 barn where I shall do my botanical
 work and get ready to take a tramp.
 I walked up the road. South, some time
 through a thick wood and then I struck through
 a field and reached Farmline Brook, a
 beautiful stream - running among the deep
 woods and emptying into Concord River.
 Following the Brook some little distance
 I saw and enjoyed the rich vegetation.
 I saw nothing especially new or noteworthy
 but collected a number of things. I collected
 some in the wood and some in the field.

This day, May 10th 1888 I took a drive
 through Peterboro; beautiful view. Collected a number
 of the Canada Lily which is abundant about here.

Carex acutata, Boott.

Roadside - Wood - Peterboro -

Bicksonia pilosiuscula, Willd.

Rubus hirsutus, L. & *Canadensis*, L.

Open field - Peterboro.

Oxalis Acetosella, L.

Rubus latifolius, L.

Zizania nervata, Trin.

Linum Americanum, Pursh.

Deep woods by Farmline Brook, Peterboro.

Lilium Canadense, L.

Wet field - Abundant.

1888

July 11 -

Petersboro. N.H.

A beautiful day. High wind in the P.M. and evening with heavy thunder storm in the latter part of the P.M. In the A.M. I went over to the so-called "Desert" a sandy hill some 6 m. from the house. Vegetation very scant. From there I went through the woods and came out on the road at the foot of the hill leading up to the house. I collected not one new plant. Read in the P.M. in the parlor and drove to the town with Mr. R. Percey. The town lies some 2 m. north of here. Kett Percey was bitten this A.M. by the St. Bernard dog in the place a large pup. and there is much excitement about it. A real life of Hecate in the P.M. There are very handsome trees about here especially White Pine, Sugar Maple and Beech and Elm. *Eleocharis tenuis*, Schultes.
In sand, on the "Desert".

- July 12 -
Petersboro. N.H.

A violent calm & wind all last night and the wind very strong today. Weather clear and sunny. This A.M. I went down to Tomlinson Brook and followed it for some distance exploring in the woods. In reaching the second bridge I took the road that goes toward the woods. I got off my bearings and went some miles and a half out of the way. I went so far east. I luckily met Mr. R. Tarrison & family and drove back with them. Bees here just in time to get ready for dinner (1 1/2 P.M.). Put up plants in place for dinner. Took a walk in the evening near Life Lake, Petersboro.

Carex virescens, Muhl.

Rubus Dalibarda, L. also in woods Petersboro - fl.

- seedling *Acer rubrum*, L.

- seedling *Fraxinus Virginiana*, L.

Sharon by Tomlinson Brook.

Mitchella repens, L.

Aspidistra, L.

Dicksonia, L.

Petersboro -

Carex torta, Boott.

This sedge lines the banks of Tomlinson Brook in the most profuse quantities. The culms are nearly 3 ft high.

— 1888 —
 July 13 —
 Peterboro, N. H.

Day cloudy, cool, air clear, mountains seen
 to advantage. In the A.M. Miss Mary and Dr.
 Rice, Mr. Mason and I, walked through the
 woods as far as the desert, gathering
 plants for analysis. We returned in time
 to analyze *Geranium* leaves before
 dinner. In the P.M. Dr. Mason took
 me to drive home 12 miles through Peterboro.
 The route first to the foot of East Mt.
 and came back through the northern
 part of the town down into the village.
 Road and talked in the evening in the garden
Coptis trifolia, Salisb.
 Fruit - woods.
Polygonum cilinode, H. & A.
 Roadside.
Aquilegia vulgaris, L.
 By stone wall - escape, near old house.

— July 14 —
 Peterboro, N. H.

A clear, cool day. The most distant
 mts. plainly visible. In the A.M. I
 went, with Robert Mason, to a cold,
 sphagnum, quaking bog about half a mile
 from the house. The spot was a very
 interesting one and was filled with
 plants characteristic of such places.
Mnemonitis trifida, Schenck & Zeria

Calopogon pulchellus, *Poponia* sp.,
Pyrophaca odorata, *Smilacina trifolia*
 (between fl. & fr.). *Cassandra calyculata* (main
 growth), *Ratipia glauca*, *Peltandra*,
Sphagnum, *Larix Amer.* On our return
 home, we visited the peat bog which belongs
 to Mr. Geo. Morrison. In the P.M., looked
 at foreign photos. and by 5 o'clock drove
 over with Margie & Ann Morrison to Mr.
 Geo. Morrison's to tea. Met Mrs. & Miss
 Morrison. Pleasant time. Bowled - Home
 just before dark.

Calopogon pulchellus, N. Br.
Smilacina trifolia, L. & S.

Cold Sphagnum bog in flower.
Mnemonia trifolia, L. fr.

July 15 -
 Peterboro N. H.

Clear bright day. Staged this afternoon
 in the village. Walked home, 2 to 3 miles, with
 Dr. C. B. Vaughan who came up last evening
 and was visiting Robert Morrison. In the
 P.M. we all took a walk through a
 grove of Sugar Maples and by 7 o'clock
 to tea.

July 16 - Cambridge, Mass
 Took the 10:45 A.M. train from Peterboro, and reached
 Cambridge station at 1:52. Stopped at the Gardner.
 Saw Mr. Watson & Dr. Goodale and Mauda. Called at
 Mother's after dinner. Left at 4:15 P.M. for
 from Mrs. Heavis. Looked at...

1888
- July 18 -
- Cambridge Mass. -

For the past two days I have been busy pressing & mounting plants. I have received a package from Britton of plants collected during his Mich trip in June. The contents of Carices and others and make 35 sheets. The Carices especially are very interesting. Today I pressed into the day and mounted 56 sheets. Have been to the Garden twice to see Mr. Manning but he has not appeared. A Postall today informs me that he sails the 20th & 21st next. I hope to see him off. Collects winter from Crawfordville.

July 20 -
Cambridge Mass

Have been busy with my plants and attending to various duties. Mounted today 23 sheets of Kew's plants.

July 21
- Hingham Mass. -

This P.M. we came down to Hingham is staying a week with Mrs. Chubburne who has taken a cottage close by the water. The situation is very beautiful, halfway between Hingham Landing and Hingham Landing.

July 22 -
Hingham Mass. -

A pouring rain and fog all day.
 Walk to Dorney Landing, some 20 minutes off.
 Melville Garden is very prettily laid out.
 Read Darwin's Letters in the evening.
Melospiza, ... Willd.
Dianthus, ... L.
 Roadside -

July 23 -
Hingham Mass. -

A clear day. ...
 5:53 boat Dorney Landing for Boston reaching
 the city by 10 min. of 9. I then went over to
 Mystic wharf, Charleston to the Erie J. Boat
 to see Mr. Morong off to So. Amer. I got
 there by 10 o'clock. ...
 Besides, two other ladies, two gentlemen
 from Ashland and Mr. Morong's son - Mr.
 Morong was with us. The bark was still
 not quite ready to go and we did not have the
 pleasure of being tipped out of the harbor as
 we hoped. Still we had a bright goodbye and
 Mr. Morong showed me all his good packed
 in the press, and his State room. They ...
 I bade him goodbye and then called on
 ... and arranged a trip for to-morrow. Took
 the 2-30 boat back. Dr. & Mrs. Colidge to tea. ...
 came down in the 3-40 boat and returned ...

1888

- July 24 -

- F. H. M. S.

A clear, rather warm day - Read Life of Darwin on the piazza, waiting for Mr. Churchill who appeared by about 12-30 p.m. He walked back to Downer's and, after Mr C. had enjoyed a clean Potte dinner, we took a boat and started off to Slate Isl. A well of 40 min. brought us there. The Isl. is of a slate formation and covered with a pretty dense growth of *Rhus glabra*, *Typha*, *Thymica caerulea* & *Rhus typhina* & other, less conspicuous. The sand dunes on the Isl. are of a few interesting plants. Then we rowed back and rowed to Lavin's Isl. which we explored. It is covered with *Rhus glabra*, *Typha*, *Thymica caerulea*, *Gaylussacia resinosa* var. *puberula*, *Erigeron* and *Juniperus* Virg. *Geranium lanatum* is abundant on both Isls. Mr. C. took the 6:30 boat back to Boston. I walked home. Spent the evening on the piazza as in reading. Fine display of flowers at Hotel Marlborough.

Rhus glabra, L. & fl. Roadside.

Lythris perfoliata Lam.
Picea tetrasperma, Loisel.
 " *hirsuta* Koch.
Ulex europaeus, L.

Slate Isl. The sand dunes are scarce in the middle of the Isl. *Vicia* sp. var. *hirsuta* is very common. *Geranium lanatum*, Michx.
 Fruit - *Saila* Isl.
Zostera marina L. Bay.

The course of the river is very irregular. The course of the river is very irregular. The course of the river is very irregular.

1888

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- July 25 -
- Hingham, Mass. -

A clear day, warm inland. This A.M.
I walked to Hingham station and then
followed the track 5.4 m. beyond West
Hingham station examining the flora of the
railroad. Saw nothing unusual, except
the Myrica's fringing the track here
and there for ~~some~~ a long time. Then I took rather
a straight line from the river home - from
the top of one hill to the top of another.

At the Harbor and the Ocean -
This A.M. wrote letters. Arthur Chris-
burne came down in the 3.40 boat and
returned by the 9.30 boat. I have given
up my room at Kenebunkport as it
does not seem to be satisfactory.

Nasturtium officinale R.Br.

Fructing plants - Ditch - W. Hingham.

Syllocarpus foetidus Salisb. - "

July 26th
- Hingham, Mass. -

A bright & clear day inland. I started
at 8 A.M. and walked to Hantusket Beach
taking the main road till it crossed the
Hantusket railway and then following the
track. The air was bracing and the walk
enjoyable. Reached the station on the beach
just in time to catch the train at 11.0 A.M. I
got out at Hantusket and climbed up
on the beach. I had a fine view of

- 1888 -

The entrance to the Harbor - Boston Light-
 House, Egg Rocks, The Three Brothers &c.
 In about an hour I completed a tour
 with W. G. H. The whole beach is al-
 most a continuous row of buildings of all
 sorts and the beauty of the beach is

I think especially near the
 South end. The long strip of sand has a very
 peculiar vegetation. *Heliconia tomentosa*, *Senecio-*

Thera biennis, *Calamagrostis arenaria*,
Melilotus officinaris &c. In the P.M.

Mr. H. looked over to Hingham section
 and to the train to the old Colony station.

1 mile beyond where we stayed in town.
 The beach train starts from here. I wanted

to look at some Lilies which I had no-
 ticed in the morning and among which I

thought I had seen *L. longifolium* - But no
 it was a very red *L. Canadense*. The

returned in time for supper. I had a letter
 from Darwin in the evening & letter from Bobb.

Statice Limonium, *L. var. Carolinae*, Gray.

Face Marsh - Hingham.

Lilium Philadelphicum, L.

" *Canadense*, L.

Hingham.

Campanula Acanthium, L.

Hull - Head of the beach -

- 888 -
 - July 30 -
 - Hingham Mass. -

A beautiful day. M. + I took the 9 o'clock Hingham Boat at Droners and went up to Boston. Got out home by 11-20. Went up to Mother's and found them pretty well. I took up some plants and brought back a few blotters. Took the 5-15 boat back to Hingham. Delightful sail each way. Found at home (Mother's Photograph, also Mrs. Crook's Mantelket 7/12). She had a copy especially bound and released for me. It is a very neat volume and admirably done. Found also some Florida seeds from Min Reading.

- July 31 -
 - Hingham, Mass. -

Cool windy day. Tramped this A.M. for about 3 hrs. To Droners, then over the hill, following the shore to the East Baymouth Iron Works - then through fields & woods south to the main road Lincoln St. 1/2 m. or more below Droners, in the home. Gathered a large number of flowers for Mrs. Crook's book - Dr. Mrs. Crook's book. Kept a note in the P.M. & evening.

Barbarea vulgaris, R. Dr.

R. Dr.

Saxifraga galericulata, L.

(Cakile Americana Nutt. (flower in pocket))

Lepigonum ^{rubrum} ~~rubrum~~ Fries

} Head of
 each -

- Hingham - Mass. -

Dear Fred - Read this Am Vol. 11 Life of Darwin. At 11 Am. we - Fred & the Ref. - got the European *Myosotis* in the bog near the station. This plant - introduced years ago, now fills the Hingham bogs & wet places. Arthur Chadburne came down this noon for 3 wks. - Read in the P.M. and walked to the Post Office - Sat on the piazza after also was till 6 P.M. -
Myosotis palustris, withering.
 Bog - near Hingham Station -

- Aug. 2 -

- Hingham - Mass. -

A hot day, foggy, very light wind. This A.M. Dr. & Mrs. Coolidge, Mrs. Lincoln and little girl, M. & I took the 9.27 train for Pemberton where we spent a couple of hours on the point watching the sails and steamers go by. Excursion steamers loaded. Took the 12.17 train back, reaching home by about 1 o'clock. After a nap in the hammock, Arthur & I took a short sail in the harbor. A - got a cat-boat from the wharf. M. L. to our amusement - just before weighing anchor, A. stepped overboard! Returned by 7.15. The piazza is

Tragopogon pratensis L.
 Single plant - at Pemberton, Hall, on the point. Escaped from *Centaurea*, L. Hingham. Leaves closed. (Coll. 7 P.M.)

- 1888 -

- Aug. 3 -

- Hingham, Mass.

A warm day, foggy, perhaps from fumes in Canada. This A.M. Arthur and I went over to Button Island and I made a list of the plants I saw on the Isl. We then went to the village and got some sail-cloth for a sail for about A. has lived. In the P.M. I took the 3.50 boat for Pemberton, and spent an hour botanizing on the point. I went especially for the *Tragopogon* and found a half-a-dozen of or more plants, almost gone by but I took some for the roots - Took the 5-20 train back home -

Tragopogon pratensis L.

Pemberton, Hull - Strong point. Saw some half dozen plants -

Anopordon acanthium L.

Akenes. Pemberton - Hull ..

Cassia Chamecrista L.

Road side - Hingham -

Salicornia ambigua, var. Button Isl.

Aug. 4th

- Hingham, Mass. -

A cloudy day - Light rain in the A.M. & P.M. A. & I sailed over to Chandee's Isl under a stiff stem breeze. Took a list of the plants of the Isl. Home to dinner. In the P.M. M. & I were out and took tea with her father & mother. Home re

Polypodium noronense, L. f.
Silene antirrhina L.

Fruiting spec. (Chandee's Isl,
Seeds)

List of Phaeophanes on Button & Lohandlers Isls.
Taken for the former Aug. 3, the latter Aug. 4.
Those marked B. for Button alone, C. for Lohandlers Is. alone.

- 1888 -

- Aug. 5 -

- Hingham - Mass. -

A fiercely hot day. Church this A.M.
 Read on the piazza this P.M. Church
 this evening. Heat almost overpowering.
Cassia Chamæcrista, L.

Sandy bank by the Episcopal church.
 Coll. at noon. The leaves but half open
 I expected to find them fully open and yet
 that I put them in a press on the
 spot, they pressed closed.
Lonicocarpus conyzoides, Nees.
 Open woods -

Aug. 6th

- Cambridge - Mass. -

A rainy, foggy day - Left Hingham
 this A.M. by the 10.08 train and reached
 Cambridge by 12.45 - Spent the rest of
 the day poisoning and distributing plants -

- Aug. 7 -

- Cambridge - Mass. -

Cloudy day - Went over to the Garden this
 A.M. Nobody there - Viewed a new plant.
 Read Hay's "Relation of Japanese Plants to
 those of E. Noctua" (1886) - The Japanese
 is still very sick - but some
 plants in the box -

- 1888 -
 - Aug. 8 -
 - Cambridge - Mass. -

A cloudy day. Went to Boston this A.M. and visited the stock exchanges with Father. Saw Mr. Churchill. Have decided not to go to Newburyport. Am sorry but do not think I should see Dr. Kennedy enough to warrant it. Mounted 20 sheets this evening. Called on Mr. & C. Brewster on their first evening in their new house -

- Aug. 9 -
 - Cambridge - Mass. -

Day, cloudy, intensely hot. Took the 11.35 train at the Fitchburg Depot in Boston and got out at West Acton. Walked $1\frac{1}{2}$ - 2 m. to Marsh Pond. Mr. Tuttle who lives by the Pond lent me his rubber boots and I hired his boat. Ate my lunch under the trees. Botanyized for an hour or so by and on the pond and got some splendid plants. Returned and took the 4 P.M. back to Cambridge. Home by 5.30. Arranged plants & read in the evening. Slightly overcome by the heat -

Habenaria blepharigottis, Hook.

Border of Marsh Pond, Acton. In sphagnum. Two stalks of beautiful white flowers, dotted here & there make a fine show.

Isella hortensis L.

Xyris caroliniana, Walt.

In Marsh Pond, by the edge of water. Abundant.

Sagittaria arifolia

Fronds. Marsh Pond, Abundant.

1888 -

Aug. 10 -

- Cambridge, Mass. -

A clear cool day. Stayed at home.
 Called on Dr. Goodwin. His daughter is
 still very sick. There was a consultation
 of physicians today. Did some reading.

Henry A. Purdie called in the evening -

Bichorium Intybus, L. Fl. & root
Pilene inflata, Sm. Fr.

- Aug. 11 -

- Cambridge, Mass. -

A cool pleasant day. Windy in the p.m.
 with a few rain drops. This A.M. I went
 to the Horticultural Hall and saw a fine
 exhibition of native plants by Mrs. Richard
 of Medford (2nd prize) & Mr. Coburn of Everett
 (1st prize). I met Messrs. Fitchings & Fuller,
 Mr. Purdie, Churchill & I then dined to-
 gether and took the 2.58 train for Winchester
 to visit Winter Pond. It is a small piece
 of water covered with Pond Lilies. Of its
 singular flora (vide Davis' Flora of Middlesex Co.)
 we only found one species. Returned to
 Boston. Home by 3.30.

Oreopsis rosea, Nutt.

Merriophyllum ambiguum, Nutt. } Boston of
 Winter Pond -

Potamogeton Spirillus, Tuckerm. Winter Pond

" *hybridus*, Mx.

Lactuca integrifolia Bigel. Woods of Winter Pond.
Juncus arvensis, L. Muddy ground - Winchester.

- 1888 -
 - Aug 12 -
 - Cambridge Mass.

A cloudy, rainy day. Have been at home all day. E. L. Ward called this A.M. to study the *Solidagos* before going to Mt. Desert. Spent the A.M. with him in my Herbarium. Was busy in the P.M. floating the *Myriophyllum* & *Potamogeton* of yesterday on to paper. Much work. Took some roses to Dr. Goodale's daughter, saw Dr. Goodale who seemed much encouraged. She was breathing easier. Had a most interesting letter from M. S. Bebb -

- Aug 13 -
 - Cambridge Mass. -

Heavy rain all the A.M. Clearing with showers in the P.M. This A.M. Mr. E. H. Hittings came to see my Herbarium and spent the morning. Dr. & Mrs. Colidge also came. This P.M. I went to Boston and see Mr. Churchill. A room is engaged for us at Hyannisport. We go Thursday the 16th. I then took a run down to Crescent Beach on the R.B. & Lynn R.R. to get *Galeopsis Ladanum* which grows there. Found it and got home by 6.30. Letter from Dr. Kennedy. Prof. Ward has sent me his article on Gray and Darwinism.

Galeopsis Ladanum L.
 Crescent Beach Among stones at the head of the beach. Revere

- 1888 -
 - Aug. 14 -
 - Cambridge, Mass. -

A clear, cool day - I staid at home most of the day intending to my plants and getting ready to go to Hyannisport on the 16th. This P.M. I walked up to Fresh Pond to get a few plants -
Nasturtium officinale R.Br.!

Growing in great profusion on the Read estate in the field among the grass close by the board fence between the Read & Russell Estates, and the wire fence between the Read & Brewster Estates. - It covers a space some 8 x 4 ft. and is now in fruit and freely dropping its seeds. Strange I never noticed it!
Carya procina, Nutt.

Leaving specimens from the same trees as those collected last June 10.
Populus grandidentata, Mx.

Leaving specimens from the same tree as the spec. of last May 10 -
Myrica Gale. L.

Fruiting spec. from the same clump of bushes and as the spec. of last May 14.

- , 888 -
 Aug. 15 -
 Cambridge Mass -

A pleasant, cloudy day. Went in to the Lowell Depot to meet Mr. E. H. Hitchings for the 12 M. train for Winchester. He disappointed me and after waiting a long while, I took the 1.10 train and went by myself. Walked over to Winter Pond and after a search found the plants recorded below, but could not find *Echinodorus parvulus*. Did some errands in Boston on my return. My Aunt is very sick and our visit to the Cape will be postponed.

Glocharis Engelmanni, Steud. var. *detorsa*, Gray.
Scirpus riparius L. var. *Hallii*, Gray

Shore of Winter Pond. Owing to the apparent grazing of cattle at this point, the plants are kept down a good deal.

I saw a good deal of the former some of it eaten clear, but not much of the latter.

My aunt passed away at 9.20 P.M.

- 1888 -
 - Aug. 16 -
 - Cambridge. Mass. -

An intensely hot day. I have been very busy to-day in regard to the services which are to take place to-morrow. I went to Malden in the A.M. to see Rev. E. J. Young, but he was away. This P.M. I went over to Canton to Miss M. S. Reeves' where Dr. & Mrs. Coolidge are staying. I dined there. The Dr. will officiate to-morrow.

- Aug. 17 -
 - Cambridge. Mass. -

Another intensely hot day. The funeral services of my aunt Margaret Ruthven were to-day at 12 M. She had passed her 90th birthday a few weeks ago. Dr. Coolidge officiated. But very few were present. We went to Mt. Auburn. Brother George arrived yesterday A.M. I went in to Boston with him this P.M. to the Fair. C. L. Hovey. We shall go to Hyannisport to-morrow.

Ambrosia trifida L., var. *integifolia*, T. & G.
 Brewster Place between sidewalk & street -

- 1885 -
 - Aug. 15 -
 - Hyannisport, Mass. -

A pleasant day. We went to Nahant this A.M. and took the 1 P.M. car to Old Colony R.R. for here. Had a pleasant ride of 2³/₄ hrs. I saw by the road on the way *Trichostema americanum*, *Callitriche*?, and *Salix*. Superb. Mr. & Mrs. Churchill met us and gave us a good welcome. We were in a small room at Mrs. Phineas's, a few minutes' walk to the ocean. The house faces about South with ~~few~~ ^{some} views to the water. We dined at the hotel near by and then with Mr. & Mrs. Churchill to dinner. Took a short walk after tea. Mr. Churchill took me to a place where I saw a lot of *Conchus arvensis* at which I was much delighted. It was covered with fruit and every morning is covered with flowers. The train stops at Hyannis and from there a stage takes you some two miles to the point. Strawberry boys are very abundant all about here. The view on the South shore and the good ocean stretches out before you. Nantucket lies to the South East beyond the horizon.

1888

Aug. 19

Hyannisport, Mass. -

A glorious day, clear, with cool breeze. Breakfasted at 8.30. After breakfast Mr. Churchill & I started off on a boat trip along the beach and through some cranberry meadows along a creek fringed with the beautiful Cardinal flower. Here and there was the beautiful large pink flowered Hibiscus which is certainly a queen among it. The flower where she has been so late. After dinner we stowed our plants in a drying room back of Mr. Churchill's house and then took a stroll of the beach - Mrs. C. & M. were too. Saw fiddler crabs. Home in the evening, writing -

- | | |
|--|--|
| <i>Hibiscus moscheutos</i> L. | } Low sandy soil - |
| <i>Cyperus diandrus</i> , Torr. | |
| <i>Ludwigia palustris</i> , Ell. | |
| <i>Xyris flexuosa</i> , Muhl. | |
| <i>Phosera filiformis</i> , Raf. | |
| <i>Scirpus validus</i> , Vahl. | } In a creek in the marsh. |
| <i>Eleocharis acicularis</i> , R. Br. | |
| <i>Heteropogon Claytonii</i> , Tuckerm. | |
| <i>Tricaria</i> | } The last profusely fruiting, Choking a creek flowing |
| with no sign of flower or fruit. | |
| <i>Lonchus. arentis</i> , L. | } In sand by the beach. |
| <i>Spartina stricta</i> , Roth. var. <i>glabra</i> , Gray? | |
| <i>Juncea</i> , Willd. | } In sand of the beach. |
| <i>Elymus Virginicus</i> , L. | |
| <i>Holcus iambigua</i> , Michx. | |

A beautiful day, rather warm in the
 This Am. M. C. & I started for Ea-
 Wareham for *Lilium Superbum*. M. C. had
 seen it there. Walked to Hyannis and by run-
 ning at full speed some way just got on to
 the rear step of the last car several seconds
 after it had started. Waited a while on a
 siding in Sandwich where we got some things of
 the track of interest. Reached East Wareham some 25
 miles off and found the *Lilium* gone by. In one
 place near the station it was abundant
 but scarcely the remnant of a flower was to
 be seen. M. C. managed to get a very
 specimen. I, alas, got none. Got our dinner
 at a house near the station and took the 2.27
 train from there back. I rode in the Post. M. C.
 walked.

Xyris flexuosa Mill. var. *juncea*, Gray.

Pexia Virginica, L. Flowers

Cassandra calyculata Don.

Border of a bog.

East Wareham.

Helopsis verticillata, L.

Oreanthos alba, L.

By Old Colony R.R.

East Wareham.

Lactuca leucophaea, Gray.

Helidoxa alnifolia, Mill.

By Old Colony R.R.

Sandwich. Sagamore.

Sonchus oleraceus, L. Fruit.

Elodea campanulata, Pursh. Flower.

Low, sandy ground.

Hyannisport.

Hemiphranta (Candace), DC. near East Wareham.

Lewis Pond is in Hyannis, Mass., 1888, 74

- 1888 -

- Aug. 21 -

- Hyannisport - Mass. -

A most successful day - The weather was pleasant till about 11 A.M. when it began to rain and continued raining off and on with slight intervals, the rest of the day. This evening it has grown into a high storm with heavy wind. Mr. C. T. started off about 10 A.M. to find some ponds north of Hyannis station where we were told the Sabatella alba grows. We walked to Hyannis following the Railway track most of the way. We continued along the track some little way beyond the station and then took the road which we followed for about a mile when we came to the first Pond. Lewis Pond by the road. The country here is quite flat, covered with a low dense growth of shrubs. The pond is a small pool of water, nestling in a hollow. It has a sandy beach around most of it and a muddy bottom. We went down to the shore and were greeted with a swarm of crabs crawling on the edge and in the water that we caught no facter. We staid there and had our hands full of work, catching crabs till 2.30 P.M. when we started back, got a very good dinner and drove home in the barge and have been busy with our plants.

Mr. C. took off his shoes, stockings and trousers
 I did the wading and collecting of the
 plants that were out of reach from the shore.
 The Pond is full of leeches and every time Mr. C.
 came out of the water, he had a scrape taken
 off from his legs. They made the blood throb
 freely and Mr. C. is enthusiastic, overlooking such
 trivial matters as leech bites is considerable.

Sagittaria macrostachya
Juncus militaris, Bigel. in shallow water
Hydreum squarrosum, Mx. var. *pumila*, Torr.
Sagittaria stellaris, Pursh.
 " *chloroides*, Pursh.
Cyperus dentatus, Torr.
Juncus pelocarpus, E. Meyer.
Stachys hypolepisifolia, Mx.
Coccythia rosea, Nutt. in edge of water
 Shore of Lewis Pond

2.2 *Sagittaria variabilis*, Engelm. In mud, border of Pond,
 near the road, (var. *angustifolia* Engelm.)

2.1 *Sagittaria gracilis*, Pursh.

In mud on a floating log some 20

The shore on eastern side of L. is 1000.

Sagittaria graminea, Mx. fl. & fr.

Lobelia Dortmunda, L.

Eleocharis obtusius, (A. N. S.)

In shallow water, border of Lewis Pond.

Xyris Caroliniana, Walt

Hexandra, Muhl.

In floating bog, Lewis Pond

Silene odora, Wit. roadside Hyacinth

Viola, L. near swamp by R.R. Hyacinth

- 1888 -

- Aug. 22 -

- Hyannisport - Mass. -

A most beautiful day. Cool & breezy.
 Rained over in p.m. this A.M. and had a
 sea bath at 11.30 - Water delicious. After
 dinner, Mr. C. & I walked to Long Pond, just
 through Craigville, where there is a Camp
 meeting. Some 3 miles the way we went to the
 pond. Botanized on the border of the pond some
 time. New find, *Lachnanthes*! - Leaves lined
 with *Coreopsis rosea*. Took a shorter road
 home of some 2 miles. Reached home 6.30

Encamped plants in the evening -

Eragrostis major, Willd.

Symbrium officinale, Scop.

Sandy field - Hyannisport.

Potentilla cordata, L.

Brook - H. port - Took north track.

Junus Canadensis, Gaydon. *Cypripedium*, Engelm.

Lachnanthes tinctoria, Ell.

Coreopsis rosea Nutt. in prot.

Side of Long Pond - Barnstable.

Rumex Acetosella, L.

Wet. Field - Barnstable

Alex glabra, Gray.

Wet. Thicket - Barnstable. Side
 of Pond.

Hemiphragmites Canadensis, D.C.

Woods - Barnstable -

Aug. 23 -

Hyannis Port, Mass.

A cloudy, cool day. P. & I started off this Am. for the Pond north of Hyannis Station. Took the bridge to Hyannis and then the road to the pond. There we did considerable botanizing, going entirely round the Pond, a beautiful sheet of water with sandy border mostly - aechmeas, abradens, etc. etc. etc. Then walked to the beach where we did some work. Then back to Hyannis. Lunched at the restaurant and came home. Walked all some 5 miles. Worked in the evening.

Eleocharis milneana, Torr.
Potamogeton chloroides, Pursh.
Cuscuta Gronovii, Willd.
Limnophyton autumnale, R. & S.

Scirpus riparius, Gray.
Rhynchospora polystachya, Pursh.
Lachnospira trisetosa, Sill.
Limnophyton racemosum, Griseb. - seedlings

Sandy shore of Half-way Pond, Barnstable.

Sparganium angustifolium, Michx.
Montoporia cordata, Torr.
Rhynchospora angustifolia, Torr.

Muddy border of

Sagittaria variabilis, Engelm. var. *angustifolia*, Engelm.
Rhynchospora glomerata, var. *small form in beds*

Border of Israel's Pond - Barnstable

Utricularia clandestina, Nutt. } Shore of Israel Pond
~~purpurea~~ *Walt.* } in water. Later seen
gibba, L. *fibrosa* Walt. } - mud -

Utricularia in fl. etc. Water, Fruit, Half-way Pond -

~ Aug. 24 ~

~ Hyannisport, Mass. ~

A clear, cool day. I'm rather tired. This A.M. M.C. & I spent in the shed, analyzing plants and changing blotters. In the P.M. we all took a drive. We went past Long Pond by Shallow Pond, round Great Pond. Started at 2.30, home by 6.15. The views of Great Pond were very fine.

Smilax glauca, Walt.

Roadside. Hyannis.

Lactuca scariola, Nutt.

Roadside. Hyannis.

Lycopus sessilifolius, Gray.

Shore of Great Pond. Barnstable

Eupatorium hyssopifolium, L.

Roadside. Barnstable.

Portulaca parviflora, L. sent

~ Aug. 25 ~

~ Hyannisport - Mass. ~

A clear cool day. We staid at home this A.M. changing the blotters of our plants. After dinner we started in a team for Pease's Pond which we wanted to investigate a little more thoroughly. We got there about 3 and spent some time floating on a white sheet. The various *Utricularia* and *Vallisneria* which are all very abundant.

Then we walked on a short distance to
Round Pond which we reached about midday
with some good specimens of *Utricularia*
reticularis - Got home by 6.45 -

Utricularia inflata, Walt.

" *purpurea*, Walt.

" *striatopilosa*, Haed. gibba, L. diff.

" *clandestina*, Nutt.

Small Pond - Hyannis Barnstable -

Utricularia reticularis, Mx.

Shore of Round Pond -

~ May. 26 ~

~ Hyannisport - Mass. ~

A clear, sunny day. Spent the day
with my family. After dinner Mr. C. & I
took a walk west of the town visited a
small pond and then followed a path
to the sea and walked over a good deal
of salt marsh. Got back by 6.30, with
a little of botanical interest. The view
of the ocean was very fine and the air
was cool and bracing.

(*Utricularia sepium*, L.

fruit - open field -

Bartonia texella, Muhl.

Low ground.

Botrychium ternatum, L. var. *obscurum*, Muhl.

Open pasture -

Bath before dinner

- 1888 -

- Aug. 27 -

- Hyannisport - Mass. -

A cool day - Clear in the early A.M.
 gradually becoming cloudy - In the P.M.
 heavy thunderstorm with hail - Clearing
 in the latter part of the P.M. This P.M.
 Mr. C. & I walked to a couple of ponds
 some 1 1/2 m. towards Hyannis - Took a few
 plants - *Utricularia purpurea* in one pond
 was so abundant that it gave a rich
 purple gleam in the sun light -
Lobelia Dortmunda also whitened the
 water with its flowers - *Quercus militaris*
 in profuse and made a pretty picture with
 its tall pointed reddish tipped leaves -
 Home to dinner - Arranged plants this
 P.M. Took tea at Mr. Cyrus Brewer's.

A very enjoyable evening -
Potamogeton Spirochelis Tuckerm. } hybridus Mx.
Utricularia purpurea, Auct. }
 Fruit - Pond - Hyannis -

Eleocharis olivacea, Torr.

Muddy bog - In soft black mud, Hyannis.

Abundant - Densely tufted in mats

Ernstia gracilis, Ell.

Dry roadbed - Hyannisport

Polygonum tenue, Mx. - *articulatum* L.

Roadside - Hyannisport

Rhexia virginica, L.

Low ground - Hyannis

- 1888 -

- Aug. 28 -

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- Hyannisport - Mass. -

Cloudy and very cool all day - This A.M.
Mr. C. & I went east over the R.R. track and spent
the A.M. investigating some ponds. For some good things
In the P.M. we drove N.W. several miles, a short way
beyond the Town House and reached a small road
without finding much. Home through Centerville. Beautiful
views and gayness seemed -

Scirpus pungens, Vahl, fruit.

Helianthus verticillatus, HBK.

March - Hyannisport

Eleocharis in water

Hydrophyllum umbellatum, Nutt.

in a small hole full of water in a marsh

Not far from the sea - Hyannisport

Eupatorium *heterophyllum*, L.

Andropogon distachyoides, Mx. (= *C. virginicus*, L.) } scoparius, Mx.

Junus *Greenii*, (Coker & Tuckerm.)

Solanum *nigrum*, L. fruit.

Penstemon *tenifolia*, Vahl.

Open ground near the sea - Hyannisport

Polygonum *perfoliatum*, L.

Hydrophyllum, L.

now found, Hyannisport.

Pastinaca *sativa*, L.

fruit. Barnstable - roadside.

Gerardia *pumila*, L.

Junus *peltatus*, E. Meyer.

Chimaphila *autumnalis*, R. & S.

Side of Pond - Barnstable

Sonchus *oleraceus*, L. H. H. / 1.

- 1888 -

- Aug. 29 -

- Hyannisport - Mass. -

A clear day, with strong refreshing breeze. Spent the A.M. in the work-room, chaying blotter and floating out specimens of yesterday's *Myriophyllum*. In the P.M. Mr. C. & I walked along the Shore Road, as far as Lewis Bay investigating the pools, marshes &c. Home to supper.

Panicum Crus-Galli, L. var. *virpidum*, Vray.

Salt-marsh with *Scirpus pungens*.

Stenocaria tridentata, Hook.

Butloma tenella, Muhl.

Liparis Loeselii, Richard.

Low ground.

Scirpus maritimus, L.

Fruit - Salt marsh -

Daucus Carota, L.

Fruit - Waste ground -

- Aug 30 -

- Hyannisport - Mass. -

A clear cool day with most refreshing breeze. Mr. C. & I started off this A.M. with horse, buggy & traps for Shallow Pond some 5 miles from here. It was a beautiful drive through the dense growth of *Quercus ilicifolia* 3 or 4 ft. high that covers the ground for miles. This shrub is mingled with an occasional

High Pine, White Oak and the like
 while *Smilax glauca* climbs profusely
 about in an impenetrable tangle.
 Here & there is a faint ditch & here
 still more, reaching Shallow Pond,
 we put up at Mr. Child's house where
 we remained overnight. We spent the
 day about and on the pond, using a
 boat, belonging to the house. The pond is
 a sheet of some 40 acres, nowhere more
 than 3 ft in depth. *Staph. advena*
 covers the surface. The
 borders are lined with *Junco* & *mil. tenuis*.
 The pond is close to a Great Pond, which
 we walked along the shore for a short way.
 The bottom of Shallow Pond seems to be covered
 with a growth of *Myriophyllum* probably *sp.*
lacuum. We did not collect much. We
 reached home by 7 P.M.

Polygonum Hartwegii, Gray.

Proserpinaca filiformis, Raf., seeds

Border of 7-mile Pond. *Myriophyllum*.

Polygonum tenue, Michx.

Sparganium angustifolium, Pers.

Roadside, *Myriophyllum*.

Myriophyllum americanum, Nutt., var. *cinereum*, Torr.

In mud, border of Shallow Pond - *Bambusa*

Subbia chloroides, Pursh.

Border of Shallow Pond

Linanthus lacustris, Griseb.

Staph. advena, Stic.

Immature forms, Shallow Pond. In some 4 ft of mud

~ 1888 -

~ Aug 31 -

~ Hyannisport - Mass. ~

A clear cool day. I was not well last night and all to-day have had a most uncomfortable ^{feeling} of nausea. M. has had this feeling for a week and I shall be thankful to get home tomorrow. Spent the day quietly packing my things and getting ready to leave tomorrow.

Lathyrus maritimus, L.

Beane. For account of the plant, see note on sheet in Herb.

Sept. 1 -
Cambridge, Mass.

Home again. We left Hyannisport at 9.45 and reached home by 3.30 after various delays. M. felt very poorly and Dr. Chase has seen her. Weather cloudy. Trunks came this evening and I changed the labels of my plants. Botanically speaking the trip was a great success and I am much indebted to Mr. Churchill for many interesting finds. Brother George called this 6th.

Aster ~~poly~~ poliphyllus, Willd.

By the R.R. track - Hyannis -

- 1888 -
 - Sept. 2 -
 - Cambridge - Mass. -

A rather warm Sunday. Glad at home.
Dined at Father's. M. has been pretty com-
fortable today. Doctor came again. Called
at Dr. Goodale's. He had gone to Keewauqua.
Saw Mrs. Goodale. Her daughter is improving,
though very slowly. Have been looking up con-
fidentially to my Hyannisport place &c.

Hyoecyanus niger, L.

A fine flowering plant appearing spontaneously in the garden at Fairbairn. I have taken a good portion of the plant for fruit -

- Sept 9 -
Garden -

A cloudy, cool day - Dr. & Joe Fordale and I
took the 12 m. train for Readville. Spent a
delightful afternoon with Dr. Kennedy. After
lunch, drove into Canton to Ponkapog Pond through
the woods. In the water in the shore were *Xyris* (*Cao-*
linia), *Eleocharis blanda*, *Eriocaulon septangulare* &
After dinner, took the 6.38 train home. Found
at the house - M. seems better. Have
received a small package of plants from
Duke.

Polanogiton purpureo-rosea.

Plane of Koukapor Road - under water -

Lechea major. Michx.

Open field: (Pine -

- 1888 -

- Sept 4 -

- Cambridge Mass. -

Cloudy, ^{rain} clear in the P.M. Staid at home to-day.
 Mr. Watson. L. & children arrived this M.
 from N. Harbor. Found plants this M.

- Sept 5 -

- Cambridge Mass. -

Cloudy clear in the P.M. Staid at home to-day.
 Called on J.R. Cambill. He returned last Monday.
 He found on Lewis Pond, *Utricularia sub-
 cata*, var. *cleistogama*, and on the sand near
 the beach between the light & Lewis Bay
 he found in abundance *Cyperus Grayi* -
 He had both at the office. I took them home
 and analyzed carefully the *Utricularia*
 Took out of the bud the purplish corolla and
 saw the two stamens - The corolla seemed to
 have no spur - Dined with J.R. C.

- Sept. 6 -

- Cambridge Mass. -

Very cool day. I spent all day at
 the herbarium, verifying the identifi-
 cal plants of Mr. Barnstable. In-
 teresting work. Mr. Watson gave
 me assistance. Did some collecting
 in the evening. Mr. Watson.

- 1888 -

- Sept. 7 -

- Cambridge, Mass. -

Cloudy, cold day. Walked with
 Boston This A.M. with my dexter.
 joined with J.H. & who gave me
 some more of the *Utricularia subu-*
lata var. *distans*. Note letter
 and labelled this evening. M. better.
 Letter from Bebb M.S.

- Sept. 8 -

- Cambridge - Mass. -

A cloudy A.M., rainy P.M. & evening. Took
 some of the *Utricularia* to Mr. Nelson at the
 Herbarium this A.M. He was not there.
 Saw Joe Goodale. He had *Spiranthes perfoliata*
Wallr. from near Winchester. Hope to go
 for it tomorrow. Labelled plants this P.M.
 & evening. Have finished up to today.
 Have finished reading "Naturalist on the
 Amazons" It was fascinating work.
 M. better.

This proves to be only *S. cernua* -

~ 1888 ~
 ~ Sept. 9 ~
 Cambridge - Mass.

Cloudy day, with occasional rain-drops.
 Took the 1:10 P.M. train at the N. Cambridge
 Junction Station with J. L. Goodale for
 Prince's Bridge Station in Lexington. From
 there we walked 3 miles over a beautiful
 road into Woburn to a bog, where we
 found *Spiranthes cernua*,
 growing in abundance. This was ^{not} the
 plant we were to find. We took a good
 many specimens. Got back to the Sta-
 tion by 5 P.M. took the train, and
 returned home by 6 P.M.

Urtica rimineus, Lam.

" *radula*, Tit.

Roadside Lexington

Urtica vulgaris,

Roadside - Lexington.

Asclepias phytolacoides, P. & M.

Roadside Woburn.

Spiranthes cernua, Richard.

Bog - Woburn —

* as we hoped to find *S. graminea*, Walteri.

1528-
 Sept 10-
 - bridge, Mass. -

A clear cool day. Lybe-lands. H. G. L. & I took the 11:35 train at the Fitchburg Dep. for West Townsend to investigate a field of *Calluna vulgaris*, recently reported. We reached there at 1:30 and got our dinner at a tavern. We then followed the R.R. track back towards Townsend Center and found the field. It was a very pretty sight, though the frost had nipped many of the flowers. The largest patch was some 80 ft in circumference and the field of some 2 acres was covered here & there with smaller patches and isolated plants.

At Townsend, we called on Mr. & Mrs. Bell who reported the plant and there and in subsequent conversation with Eldridge Saunders who owns the field, we found that some 20 yrs. ago his Saunders sister-in-law, had planted in that field some of the plant. Dr. Goodale is going to interview the lady who planted the seed. Name Moore, Ferry St., Cambridge. This, in my estimation, throws doubt as to the indigenous character of all the *Calluna* found in this country.

We left Townsend at 4:56 and reached home by 7 P.M.

Calluna vulgaris. Fitchburg.
 Route - W. Townsend. Planted 20 yrs. ago.

Vide note below of p. 175.

- 888 -
 - Sept. 11 -

- Cambridge, Mass. -

A lovely cool day - I spent the day at home with the exception of a short visit to the Herbarium - Have worked over my plants.

- Sept. 12 -

Spent the P.M. in my Herbarium preparing in the A.M. -

- Sept. 13 -

Prepared & finished the Cape plants in the A.M. - Mounded as sheets in the P.M. Have mounded up the Cape plants.

Sept 14
 Cambridge, Mass.

To town in A.M. & again this P.M. and went out to Cedar Grove with J.M.C. for *Acnida* - It is abundant in the marsh. Home by 8.45.

<i>Passiflora racemosa</i> , L. <i>Phaseolus diversifolius</i> , L. <i>Sporobolus vaginiflorus</i> , Vasey <i>Gerardia maritima</i> , Raf. <i>Polygonum aviculare</i> , L. <i>Acnida rhyssocarpa</i> , Mx. <i>" canabina</i> , L. (The single plant)	} Gravelly soil by the R.R. track, Cedar Grove, Dorchester. } Salt marsh, Cedar Grove, Dorchester.
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- 888 -
 Sept. 15 -
 Cambridge, Mass. -

A clear, cool day. George drove me to Boston this Am. Called on Mrs. [unclear] at the Marlborough St. She has some new plants for Nantucket. S. R. C. & I took the 12.10 train Lowell Depot for Lexington. Tramped from Lexington to Mr. Tabor Lincoln whose ledges we climbed. Then went on to Silver Hill Station, Boston on the Fitchburg road which we reached by 7 P.M. in time to catch the last train. Had to run the last half mile. Tramped in all to-day about 10 miles. The views were very fine to-day, especially from Mr. Tabor. We found on the ledges what we went for, *Sesuvium sessilifolium*. S. R. C. had seen it there some 10 years ago. Cars stopped in Cambridge. Home, 8.0

<i>Geum album</i> , Emelin.	} Roadside.
<i>Aster vimineus</i> , Lam.	
<i>Oenothera biennis</i> , L.	
<i>Asteracium paniculatum</i> , L.	} Border of ditch
<i>Centella uniflora</i> , L.	
<i>Hypericum mutilum</i> , L.	

Lexington -

Eupatorium sessilifolium, L.

Ledges on Mt. Tabor, Lincoln. Abundant. Found only 2 patches in good flower, where there was an exposure to sun. Most of it was in shade and flowering very poorly.

Potentilla arguta, Nutt. Saw considerable in one place.
Muhlenbergia sobotifera, Trin. one patch 2-3 ft in diam.
Polygonum tenue, Michx.

Singyrium caninum, L. Ledges on Mt. Tabor, Lincoln.
Polygonum cuspidatum. - 2 ft. high roadside, 4 ft. high.

~ 1888 ~

~ Sept 16 ~

~ Cambridge, Mass. ~

Cloudy - fine winds evening - Spent the day at home with my plants. Have put a good many of the Cape plants in press the mounting box -

~ Sept 17 ~

~ Cambridge, Mass. ~

Rainy day - Did some work at the Gray Herbarium this A.M. Worked on my Cape plants this P.M., putting into the box -

~ Sept 18 ~

~ Cambridge, Mass. ~

Rainy day. Went to Boston this A.M. and brought Dr. Salina Lennaber out to the house where she will stay till Thursday. She is returning from Mt. Desert. Dined with her at Mother's and at Mrs. White's & Mrs. Bennetts. Some of the family came down in the evening -

~ Sept 19 ~

~ Cambridge, Mass. ~

Cloudy, without rain. Spent the day & evening this R.L. night in Sutton & Cambridge. Had a good tea at Mother's in the evening -

1888.

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- Sept. 20 -
- Cambridge Mass. -

Heavy clouds all day. Light rain at times.
Took train 11 A.M. through the College Building this
A.M. My wife & Boston in the P.M. and
I saw her off on the 3 P.M. train for
Chicago. Then went and saw J.N.B. and
we went to the exhibition at the Horticultural
Hall of fruits & flowers. Very fine -
Put Cape plants in the box this evening.

- Sept. 21 -
- Cambridge, Mass. -

Rain all day. Some thunder & lightning -
Have put all the Cape plants in the box
now for mounting -

Sept 22.
- Cambridge Mass. -

The sun has been struggling all day
through the clouds but this P.M. it began
to rain again. I have mounted today
100 sheets in great relief. Baird
writes me from Dublin. Kropf has
said not to be afraid of a meal.
I have just written him a long
letter. Mr. Watson has sent me a
letter from St. Omer -

- 1888 -
 - Sept 23 -
 Cambridge, Mass. -

(Under and among the trees, near the
 west of the Chapel, plant, for I found the
 collection from 4 specimens of the same
 and others. I have yesterday morning
 all arranged in some boxes & 1 box
 before this morning -

- Sept. 24 -
 Cambridge, Mass.

A most beautiful day, Sun bright,
 air cool - This A.M. I went to the Garden
 there met Mr Goodale who had with
 him 2 gentlemen from Ireland, being
 in Dublin who had come with a
 letter from the Editor of the Nation.
 Their names were R.W. & T. Scully.
 The former a Botanist. Dr. S. being
 busy, I showed them the College Build-
 ings before dinner. This P.M. May
 Dexter & I went by car to Ben's walked
 along the river back to Watertown and
 took the train to W. Camb. and then
 back home by C. - The scenes along
 the river were lovely -

Myrica ^{comp} *Gale, L.*

Same ^{comp} *as spec. of last May 14 -*
Salix alba, L.

Same tree as spec. of May 22-1887.
Impatiens fulva, Nutt. Fruit - Watertown Station

~ 1888 ~

Sept 25

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Cambridge Mass -

A most glorious day. In forenoon I took the
8.30 a.m. train. Small (Dep't for Cambridge) in
the train the weather was perfect. He visited the
park with the guide. The man also
the ground and found it very good. I had been
in the morning. I had seen & white
with the exception of plant-ash. The
peas were a space of some 12 to 15 inches
and 2-3 weeks. Dr. G. gave the man \$2
5 clear out the place so as to admit sun-
light & to put up a sign warning off tur-
tles. The man has lived in the place 17
years and says that a Scotchman who lives
near by knew of the Calluna but knew
nothing of its introduction. Still I see nothing
is simply that it is indigenous. It might have
got in, in many ways. The man who
I had seen and called on Mrs. J. Blake. His
husband died lately and was a great anti-
nist and old friend of Dr. G. and Dr. H.
Mrs. Blake is trying to tell the story of the
the returned to Boston regarding the city
is 2.45. Then home. Dr. H. at home
called in the evening and spent 3 hrs.
with me in my study. He is writing up
the flora of County Kerry and I heard
with much interest, his remarks on
the flora of Ireland. (Dr. G. says that
some time ago he was at the Calluna stage in the
in a very good way. It is in the same way. I have seen it.)

- 1888 -
 - Sept. 26 -
 - Cambridge - Mass. -

Terrible rain all the A.M. Beautiful clear
 P.M. & evening. Visited a little ~~house~~
 and went over the coll. collection. Then
 P.M. went to Boston, called on J.R.C. and
 went out to Dorchester with him to get
 some interesting plants. Arrived & looked
 over some of his plants. Home by 10 P.M.
Eupatorium ageratoidees, L.
Solidago latifolia, L.

There the plants grow in
 the garden of Mr. Sharp in ^{Living} St.
 Dorchester, in a shady dell, with
 other cordifolius & *Solidago caesia*.
 The plants have been growing there
 for years and before the place was
 built upon at all and was a large
 open field. The plants are un-
 doubtedly indigenous. Mr. J.R.C.
 collected them from there as native
 plants in 1882. Mr. Sharp was at the
 time and kept its original character
 and it is a very charming spot.

Sept 27 -
 - Cambridge - Mass. -

In school till 1.15 - visited the century plant in
 room at Nat. Hall. Spent day - saw a few
 plants in the city. This evening - one of the
 plants in the city was 3 in. in diam. & 25 ft. high.

18.25
 Cambridge Mass.

A beautiful day. Day night snow in the P.M.
 At school till 1 P.M. ... then up town to
 7 N. ... He was off ...
 ... at the ... and
 ... with ...
 ... the ...
 ... the ...
 ... the ...
 ... the ...

Sept. 29 -
 Cambridge Mass. -

At school till 1 P.M. (called on J. R. L.)
 and dined with him. He had a fine ...
 yesterday in the Blue Hills with ...
 Had a good look in the ...

Sept. 30
 Cambridge Mass. -

Cold day - Have been at home
 ... French and did a little work
 in the ...
 ... letter
 ... from ...
 and answered it - George took tea
 with us -

Oct. 1 - Cambridge Mass. -

1st day of school. Called on J. R. L. in P.M.
 ... before dinner -

- 1888 -
 - Oct. 2 -
 - Cambridge Mass. -

Rainy - To the Herbarium this P.M.
 to verify some Cal. plants. Saw Mr.
 Weston - Distributed most of day,
 mounting this evening

- Oct 7 -
 - Cambridge Mass. -

Since my last entry, I have com-
 menced to have ^{been} naming the Cal. plants.
 Have finished all but a few Compositae.
 To day, I washed the P.M. and Fresh
 Pond with May Dexter & her George-
 Ann, there is very wet as it rained in
 night yesterday & this A.M. The
 leaves are changing and Fall is really
 upon us -

Quercus bicolor Willd.

Found specimen from same tree as
 I spec. coll. last June 3rd. I coll.
 that to day. It is too late for good spec.
 of the color. I should have coll. it
 nearly 3 wks ago -

Cambridge Mass. Oct. 12 -

Have finished ^{naming} the Cal. plants. Kept a
 number of them at Gray Herb. Oct. 10 - Poisoned
 last batch of my own collecting this P.M.
 Am getting over a very bad cold -

- 1888 -

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- Oct 14 -
- Cambridge, Mass. -

Still rain & disagreeable weather. Yesterday
Oct 13, I spent the A.M. at the Gray
Herb. verifying the rest of the Cal. plants.
This evening I poisoned them all. This P.M.
I took a drive with Walter George through
Belmont. It was cold & chilly. Received
to-day "Flora of N. Y." by J. L. Bennett.
Lindera Benzoin. Meisn.
Fine fruit by Clematis Brook, Worcester.

- Oct. 15 -
- Cambridge, Mass. -

A glorious, sunny day. This P.M. went
to R.R.'s office and at 4 o'clock we took the
cars for the South End on Harrison Ave.
Got out at E. Chester Park and between
Albany St. & the N.Y. & N.E. R.R. by the
sidewalk and in all waste places was
growing in the wildest profusion.

Chenopodium ambrosioides & *Achillea*
biennis. Leaves of latter frost-bitten.

Home by 6.30

Chenopodium ambrosioides, L.
Xanthium Canadense Mill., var. *echinatum*, Gray
Mertensia grandis, L. End - Boston.
Lepidium Virginicum, L.
Seedlings. Same locality as above.

~ 1889 ~

~ Oct. 20 ~

~ Cambridge Mass. ~

The past week has been a very disagreeable one both as regards weather and dyspepsia. Tuesday I went down to Newburyport with B. J. Legate and spent the evening looking at the maps and photographs illustrating his trip to Europe in the summer. Returned early the next M. to school.

This Am. I went down to Putnam Ave and collected a few plants by the river near the Dover Pumping Co's Works. Called at the Garden and saw Mr. Watson. This P.M. I went to the river and along No. 12 a short way and Mead's Pond. The leaves were changing and dropping fast. Collected a few things.

Senecio rhyssocarpa, Mx.

Triplex batula, L., var. *hastata*, Gray.

Asplen subulatus, Mx.

Salt marsh by Chas. River Cambridge

Sparganium angustifolium, L.

Phragmites communis, L.

Lythrum vulgare, L.

Waste ground, Belmont.

Asplen cuneifolium, Mx.

Hypericum nudicaule, Walter.

Thymus arvensis, L.

Roadside. Mattam.

- 1888 -

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- Cambridge, Mass. -

A very uncomfortable week for me - Monday, the 22nd,
I had a very large back tooth out, with gas, and my face
has ached most all the week & say nothing of my old dis-
position. I feel quite much now. Another rainy Sat. to-day
has prevented my taking a trip with J. R. C. I have
planned to go off with him every Sat. since Oct. 1st
and have been prevented every time by the rain. We
have had some beautiful days this week. I have
succeeded in mounting the Cal. collection -
Wells writes me an enthusiastic letter
Monday. I called on Mr. Geo. S. Newport this
week, also on J. R. C.

- Oct. 28 -
- Cambridge, Mass. -

A cloudy day, wet. Took a walk this
P.M. with George to Fresh Pond, visited my
Myrica Galt and went round by the Glacialis.
Saw a large patch of Phragmites by the Fitch
my R.R. at the head of the Glacialis by
Steuers Brook. I finished this afternoon the
Cal. collection and they are now stamped
dried and ready to distribute. I shall
append here a list of them -

Myrica Galt, L.

First same clump as last May 1st -
The leaves are beginning to fall. They have
changed color - most fall ready, 7" inched -

A list of plants collected in San Diego Co. Cal.
in 1888 by Geo. C. Deane - They are in Herb.

<i>Eleocharis sauciflora</i> , Nutt.	<i>Apocynum angustifolium</i> , Nutt.
<i>Delphinium simplex</i> , Dougl.	<i>Baccharis viminea</i> , DC. f.
<i>Platystemon californicus</i> , Benth.	<i>Eguiera laciniata</i> , Gray.
<i>Meconopsis heterophylla</i> , Benth.	<i>Layia elegans</i> , T. & G.
<i>Eschscholtzia californica</i> , Cham.	<i>Baccharis mutica</i> , Gray.
var. <i>Douglasii</i> , Gray.	<i>Chaenactis tenuifolia</i> , Nutt.
<i>Stapтанthus heterophyllus</i> , Nutt.	" <i>artemisiaceifolia</i> , Gray.
<i>Sisymbrium canescens</i> , Nutt.	<i>Senecio californicus</i> , DC.
<i>Thlaspi officinale</i> , K. Br.	<i>Stephanomeria runcinata</i> , Nutt.
<i>Capsella Bursa-pastoris</i> , Moench.	<i>Gilia dianthoides</i> , Endl.
<i>Calandrinia Menziesii</i> , Hook.	" <i>achilleaeifolia</i> , Benth.
<i>Spalis corniculata</i> , L.	<i>Ellisia membranacea</i> , Benth.
<i>Upericidium dumosum</i> , Hook.	<i>Phacelia tanacetifolia</i> , Benth.
<i>Lupinus affinis</i> , A. N. S. Gard.	" <i>Parryi</i> , Torr.
" <i>micranthus</i> , Dougl.	<i>Amsinkia spectabilis</i> , T. & G.
" <i>sparsiflorus</i> , Benth.	<i>Linaria Canadensis</i> , Dum.
" <i>truncatus</i> , Nutt.	<i>Collinsia bicolor</i> , Benth.
" <i>microcarpus</i> , Limb.	<i>Pentstemon antirrhinoides</i> , Benth.
<i>Trifolium amplexans</i> , T. & G.	" <i>cetranthifolius</i> , Benth.
<i>Medicago denticulata</i> , Willd.	<i>Mimulus brevipes</i> , Benth.
<i>Astragalus leucopsis</i> , Torr.	" <i>glutinosus</i> , Wendland.
<i>Prosopis juliflora</i> , DC.	<i>Orthocarpus purpurascens</i> , Benth.
<i>Teucrium affinis</i> , Bolander.	<i>Salvia carduacea</i> , Benth.
<i>Oenothera biennis</i> , L.	" <i>Columbariae</i> , Benth.
var. <i>hirsutissima</i> , Gray.	<i>Populus Fremonti</i> , Watson.
<i>Oenothera bistorta</i> , Nutt.	var. ? <i>Wislizeni</i> , Watson.
var. (?) <i>Veitchiana</i> , Hook.	<i>Allium unifolium</i> , Kell.
<i>Oenothera strigulosa</i> , T. & G.	<i>Elaeochortus splendens</i> , Dougl.
<i>Nezarea californica</i> , Torr.	Species = 49 - Varieties = 4
	- Ver. ac Gray Herb. -

~ 1888 ~

- Nov. 12 -

- Cambridge Mass. -

I have passed a most painful week owing to an ulcerated tooth which ended by putting me to bed. Tues & Frid nights (10th & 11th) I scarcely closed my eyes. I lost part of my work at school. Did not go in to-day, but went to my dentist, who has relieved me. I trust I am over it now. I had a dull Tues. P.M. & Wed. and went to Dr. W. G. Jackson's rooms on the evening of the 7th to meet Dr. C. L. Jackson from Santa Cruz Cal. Some 15 were present and we had a most enjoyable time, spread included. Among the guests were Prof. C. S. Sargent, Dr. Lorenzo Watson, A. B. Seymour, W. Janney, K. Miyabe, Prof. Eisenmann.

I have had a letter from Bebb this week. He says he is upset and has lost his botanical interest, but does not say why - I have written him.

- Nov. 14 - Cambridge -

Am quite over my troubles now, I think. This P.M. I went to the Garden and saw Mr. Watson who showed me a strange letter Bebb had written him much like mine.

Hypoxenus nigra, L.

Fruit & root. Same plant as specimen coll. by me last Sept 2. Garden, growing spontaneously -

- 1888 -

- Nov. 19 -

205

- Cambridge, Mass. -

(1) have mounted and distributed Mr. Fox's package of plants. There are some interesting Carices among them. I was much rejoiced today to receive a letter from Mr. Morong from Buenos Ayres dated Oct 10. This is the first word I have heard from him since July 23 when I saw him on the ship - all my *Heptameris* work is now practically enough. My tooth troubled me yesterday but it is about over to-day. Better letter lately from Bailey from Berlin telling me to write him no more - it is turning towards home.

- Nov. 24. -

- Cambridge, Mass. -

Clear, cold weather, during the week. I am troubled from my face, since last entry. Letter & Postal from Bailey from Leipzig & Vienna. My botanical work is quite cleared up to the present. This P.M. I walked up to Fresh Pond to visit the *Myrica* Fall.

Myrica Fall, L.
Same dump as spec. of last May 14. The fruit is still on the shrub but a jar of the branch in picking it causes it to drop. I took some fruit and some all-ready formed & b. d.
Cuscuta Gronovii, Willd.

Fruit & seeds, by Fresh Pond Swamp.
Leontodon autumnalis, L., Fruit - Fresh Pond Swamp -

— 1888 —

— Dec. 3 —

— Cambridge, Mass. —

Tremendous snow-storm Nov. 25, rain
26 & 27 clearing the land. Nothing of
special botanical importance since last
century. Saw Dr. Goodale at his home
Cath. Met Mr. J. D. Smith of Ball
at the Garden City. Letter from
Mr. Reginald Sully, Dublin, Ireland. He sent
me his "Notes on Some Kerry Plants"
reprinted from the Journal of Botany,
Saw G. R. Churchill today first time since
Nov. 5.

Lycium vulgare

Fruit. Mr. J. H. Bell's garden.
Nov. 26. Ave.

Yesterday, Dec. 2 - I visited again the
Munia Gale L. which I last saw on
Nov. 24. It still holds its fruit
about as well as when I last saw it,
it breaks up easily by pinching it &
looking the branch. I mean to visit
it at intervals to see when the fruit
has fairly gone —

- 1888 -

- Dec. 19 -

207

- Cambridge, Mass. -

The most interesting botanical event since my last entry was the most unlooked-for appearance of L. H. Baillie, on the evening of Dec. 11. He had just returned from New York and came on here for a couple of days. He spent the night and we had a long talk in my Herbarium. He looked over a lot of my (American) seed, he returned to England and will soon be at Turin, (small University). Miss Reading has sent me a package of very nice plants.

- Dec. 23 -

- Cambridge, Mass. -

Clear, cold weather, since last entry. Recovers now till Jan. 2nd. Dec. 21st I dined with Dr. Goodale and met Mr. J. Donnell Smith and Prof. H. J. ... Had a delightful time. Saw circulation in cells of *Quacharia* to perfection, also made ... 3000 diameter power. Letter lately from Barnes who is well & busy. W. W. Bailey sends me a ... & ... by himself a ... L. H. Baillie, J. has given me "Gaeke's Flora of Germany". School dinner at Messrs. Freres yesterday. Walked out home. Photo. from W. W. Bailey. Myrica Galea L. Fruit. Same clump as last May 14. Fruit still on the bushes, but dropping as a ... Touch

- 1888 -
 Dec. 31 -
 - Cambridge-Mass. -

Last day of this year and a most
 delightful one too. I have been en-
 joying a week's access. Christmas eve
 kept pleasant. I received a very nice
 "Coddington Lens" from Chicago and a knife
 from J.R. Churchill &c. Dr. Snodell
 gave me some of Dr. Gray's Mrs. J.
 1879 from Bot. Text Book.
 Sunday I spent at Mr. J.R.'s among
 his plants. Nice time. He gave me
 all his duplicates a large pile.
 Yesterday was a clear, mild day.
 To-day I went to Providence by the 11th A.M.
 train and met W.W. Baileys for the
 first time. Enjoyed him very much.
 Stayed till 6:30. Met his wife and
 children. Went to tea. Then I went
 out College grounds and went into
 some of the buildings. Returned
 home by 9 P.M. L.H. Bailey
 writes me that he is settled in
 Ithaca and Cornell Univ.
 C.R. Barnes & wife send a very
 pretty dish to Mayie.
 H.W. Henshaw called lately. He has
 given me a large number of plants.

- 1889 -

209

- Jan - 10 -

- Cambridge - Mass. -

Weather remarkably mild. No snow. Mercury
ranging as high as 60°+, not down or freezing for
some time. The New Year has fairly begun.
I have done one morning's work Jan 1 at
the Garden with some of Mr. Churchill's plants.
Bad little torture for rotting. Have labeled
all his plants and now am putting in with
my those I want to mount. Fine plants.
Have heard from L. H. Bailey, Jr. & W. W. Bailey.
The latter is putting me up a package
of Olney's Caries.

- Jan 14 -

- Cambridge - Mass. -

Weather perfect, clear, cool, no snow -
Sat. P.M. the 12th I went to Salem with
Kendall and Sted full of books. Mr. Sted
escorted me after lunch to the Academy
Academy, where I met John Collins on
who showed us the building. The natural
history of Essex Co. is in a collection of specimens.
I saw a most agreeable ride with Mr. K.
Then we went to the Essex Institute
where I met Dr. Wheatland, the President,
with an old specimen. Saw a painting
of Mayasah (utter). Then I went and saw
the house of Hawthorne's birth and the house
where he lived. Saw House of 7 Publes. Staid to dinner.
& called home by 7.30 P.M.

1889

Yesterday the 13th I walked up to the Pond and visited the Myrica Gale there is still a good stock of fruit remaining of the Myrica largely due I think to the open weather, and some a storm. I took 3 yellow strings to the fruit & took on 3 bundles of per where the corner of the - in the spring. They probably keep off. I refer to the 1st & 2nd on each several catches (#1) are some. I walk the spot thus - At a distance of 12 rails from the switch in the inner curve is a small ditch running under the track between 2 sleepers, but a few inches deep. Opposite the 5th & 6th sleepers, on the outer curve counting back towards the switch, within 3 or 4 ft. of the sleepers on the strings -

"This P.M. (the 14th) I went to 755 T. and so where Mr. A.B. May lives and where in winter Jim. May works now is. I wanted to drop in and see Mr. May before I have had one letter only. They had heard me - 3 times the last time being from a letter dated Nov. 2, Assumption, Paraguay. He was well. Brother but, living high. He hoped in Feb. to cross the Andes to Chile.

I have received from C.F. Beas his 1st & 2nd letters, and the Mich Fastry comes in for 1888 full of interesting matter on the forest.

- 1889 -

211

- Jan. 21 -

- Cambridge Mass. -

Clear, mild weather with pleasant moon.
Eight nights for the past week, with the
exception of 2 nights. Snow last night
2nd storm this winter. Dined with Dr.
Kennedy on the 18th, in Roxbury. Have re-
ceived a large bundle of Quercus from
Prof. Blakey Herbarium in Providence
letter from W. F. Bebb concerning
Willows I saw him. L. H. Bailey
writes from Thea N.Y. - Dr.
H. W. H. of Salem sends me a number
of his pamphlets. Have put in the
box of R. Churchill's plants and have
also ordered some to be sent. There
will be seed here. Saw J. P. C.
to-day. Went to the Carter & Co.
to be about mounting paper. Am
entirely out -

- Jan. 22 -

- Cambridge Mass. -

A light snow storm which has almost gone a few
days ago. Have been working at intervals during
the week on the Quercus series, preparing them
and filling in the labels. There are very nice
ones among them. Mrs. Morong writes that Mr. Morong
is in Panama still. Dr. Kennedy & I took tea
with J. R. Churchill on the 25th. Pleasant time.

- 1889 -
Feb. 3rd

- Cambridge Mass. -

More perfect weather since last entry.
Have received from Dr. Gattiger a
corrected copy of his Flora, a very nice
package of plants and his photograph
all of which please me much.

To-day Sunday, George & I drove over to
Brighton and went the length of Com-
monwealth Ave. to Chestnut Hill
Reservoir then down Beacon St. across
to Cottage Farm, over to Brighton Hotel
and home by Cambridge Ave. saw the
electric cars. Rode on one yesterday
to Allston and walked home -
Saw Mr. Watson & J. & Smith at the
Garden, Friday - Flurry of snow in the P.M.

- Feb. 10 -

Cambridge Mass. -

The week has glided by. Weather fine
Rather cold at times. Night full of snow
on the night of the 7th. Have put all of
the blue plants in the box. Letters from
Bobb, Seiler, L.H. & W.D.

Visited the Mammal Sale this P.M. Fruit
still lingers but is mostly gone. This string
tied just below the stalk opp. the 6th sleeper
like No. of Jan 14. is as follows -

stalk that
has the fruit



string.

- 1889 -

- Feb. 17 -

213

- Cambridge Mass. -

Sunday - Fine weather for last week. Snow has almost gone. Received a most interesting letter from Mr. Moring from Asuncion Paraguay, Feb. 11, 1889 dated Dec. 28th. He is bright & well & busy. He longs for good appetizing food.

Dr. Kennedy came out with me on the 13th P.M. and we enjoyed a botanical afternoon & evening. H. H. Tucker of Athens, Me. has sent me a few very nice plants.

I called on Mr. Ganong on the 12th. He gave me a few plants from N.B. among them *Rhinanthus Cruc-galli*. good rooting specimens with flower, fruit & seeds.

Feb. 11, I did considerable copying of Felix matter for Mr. Bebb from book at the Gray Library. In the evening 11th Mrs. Sordale & Kennedy called and visited my Herbarium.

Friday I visited the new Athletic Building and dined with Tolman afterwards and went to the Park Theatre to see Rosine Fells. Very funny. To-day I mounted some BZ & seeds.

The Olney Copies - Have just had a beautiful "Physical Chart of the World" framed and hung up in my room. It came from the Hydrographic Office at the Custom House.

Called at the Custom House on the 14th, saw Lieut Storones, who gave me some interesting charts.

- 1886 -

- Feb. 24 -

- Cambridge, Mass. -

Another Sunday. The past week has been clear
and quite cold. This A.M., mercury at 8° .
Have emptied my mounting box and dis-
tributed the sheets. E. L. Rand came
up and spent the evening of the 21st, with
a package of opt. desert plants which I
verified. Letters from Bebb, L. R.,
Bailey, W. D. Bailey.

- Mar 7 -

- Cambridge, Mass. -

Much rain since last entry. Mar. 3rd
visited my Myrica Sale. Put stumps on two
of 100 lbs. for 13th 100 lbs. beyond the ditch
to which we went on Jan 14. The trunk
of 100 lbs. (broke the trunk a very
light, on the 3rd inst., Sunday -
last evening, I went to the College of
Pharmacy corner Garrison & the 30. 10th St and
heard a very interesting lecture by Dr.
H. H. Rusby on "The Flora Features of the
Amazon Valley". I had a pleasant talk
with him afterwards.

- 1889 -

- Apr. 12 -

- Cambridge Mass. -

Miss Peabody sent me a box of fresh wild flowers
 from Mass Can. Min. last Sat. day of Mar. - *Houstonia patens*
Gallium floridanum, *Cheptala* Tom. Audom. Mt., *Ranunc. pusillus* &c.

During the past week month, I have been busy
 with botanical work of various kinds. - &c. -
 My L. Howard's solicitation I have described
 and sent on to him to Trues and genera of
 plants in the Century Dictionary. I have
 also assisted him in various ways at the
 Botanic Garden. I have also received a
 package of very interesting Curries from R. S.
 Williams, Great Falls, Montana, among them
 a species new to my Herbarium within the
 Manual limits, *C. alpina*. Mr. Bebb has
 sent me his photo. I was so glad to
 see in that way the man with whom I
 have had so pleasant a correspondence.
 Photos also from Prof. Geop. Ward and a
 still curiosity of Mr. Durlington for Hon.
 Wash. Tansend, West Chester Pa. - M. S.
 Watson has given me his photo. an excel-
 lent likeness. Apr. 3. I wrote to Mr.
 Mornay - I long to hear again from him.
 Mrs. Mornay has just heard, he is in
 Paraguay and well! I have heard very
 often from Mr. Bebb lately. He sent me
 his "Notes on N. A. Willows, IV" to criticize
 which I did on 7 pages of fool-caps. It is
 a most interesting paper.

Flours

8 fl. Shrubs by the R.R. track near the
 Myrica Hall, Cambridge, Mar. 31 -
 Note Oct 6 - 1889.

- 1889 -
 - Apr. 14 -
 - Cambridge, Mass. -

Grass green in places. Willows catkins out in swamps. The ♂ fl. of *Myrica Gale* are out on some plants. I saw a few out on the clump I have been visiting all winter. I found to-day the ♀ fl. thrusting their 2 styles bright red above the bud scale and the ends of the branches.

Myrica Gale L.

♀ fl. Same clump. Fresh out - as specimen of May 14-1888 -

- Apr. 21 -
 - Cambridge Mass. -

Vegetation slowly appearing.
Myrica Gale L.

♀ fl. Same clump as spec. of May 14-1888

- Apr. 24 -
 - Cambridge Mass. -

This P.M. J.R. Churchill & I went out to Mattapan and walked long distance along Blue Hill Avenue, Milton. Collected a little and returned to Dorchester where I staid to tea. Home in the evening.

Juniperus Virginiana,
 ♂ fl. Milton.

Salix

♀ & ♂ fl. Roadside, Milton. ♀ 6 ft high - ♂ 2 ft high

1889
 Apr. 29 -
 Cambridge Mass. -

Salix

♂ & ♀ fl. Low ground by R.R. (Fitchburg) near
 where Alewife Brook passes under the track.

Myrica Gale, L.

♂ fl. Same patch as May 14 - 1888.

I received on Apr. 26 a letter from Mr.
 Mamey dated Mar. 8th. It is the 3rd I
 have received. He says he has written four.
 One of mine has not reached him. It is a
 bright letter full of interest.

- May 4 - Cambridge -

Salix

♀ fl. same shrub as last Apr. 29.

Phragmites palustris, L.

Early from bog in water. Cambridge -
 close by the Myrica Gale.

May 5 - Cambridge

An afternoon with J.R. Churchill. Drove from Dorchester to W. Quincy.
 Mrs. C. Anna, & Felix went with us. Home by 9.15 P.M.

Salix

Central Ave. Milton - ♀ two bushes

Woods - W. Quincy ♂

♀ diff. fruit from
 ♀ - apparently same bush

Chamaecyparis sphaeroides, Spach. ♂

Juniperus communis, L.

Woods

Betula lenta, L.

Roadside Milton. bark aromatic. ♂

Prunus demissa, L. f.

Woods - W. Quincy -

Ribes

Carpinus Americana, Lam.

Acer saccharinum, Wager.

Amelanchier Canadensis, T. & G. var. oblongifolia, T. & G. Roadside Milton.

- 1889 -
 - May 12 -
 - Cambridge Mass. -

Yesterday went up to Fresh Pond Swamp.
 Menyanthes in full flower - To-day. Took
 a party including my niece to Prospect Hill
 in Belmont - Gloriosa, Agave, Viola
 pedata, Arctostaphylos, Vaccinium, Rumex, &c.
 & cypripedium in fl. in profusion. Home to tea
 Sat. 12

May 11-12. Same place as last year.

May 13th -
 - Cambridge Mass. -

Synopsis of W. H. Davis's mounting for the
 year from May, 1888 to May, 1889. I began
 May 3-1888 and ended Apr. 22-1889. I worked
 28 times - as follows - May 11 - July 51 - Aug. 11 - Sept. 31 - (Oct. 14.)
 Nov. 2 - Dec. 2 - Jan. 2 - Feb. 5 - Apr. 3 - The largest mounts were
 Sept. 22 - 100 sheets - Feb. 22 - 80 sheets - Sept. 16 - 59 - July 18 - 60 - Sept. 23 - 52 -
 Rest below 50 - New Sheets Sheets for Herb.
 Summary of year's work - 855 - 58 -

During the year I have put in Herb - New.
 Genera - Species Var. cum sp. - Var. sine sp. (crosses)
 12 - 59 - 3 - 11 - 1 -

- 1889 -

219

- May 28 -

- Cambridge, Mass. -

I have been sick and confined at home since the 15th with tonsillitis, dyspepsia, and for one or two days with rheumatism. I was on my feet nearly 5 days. Went to school for the first time again yesterday. I received a letter from Mr. Moring, yesterday (27th). That makes the fourth. He is remarkably well. Last May 7th I was much surprised at our last meeting of the Thoreau Association to be presented with a copy of *Centaurus* by Robert. General Plantarum for my services as Secretary for over 6 yrs. Most more desirable notes could I have received. I never was so surprised. Mr. Watson called on me in my illness. Also Dr. Kennedy. Mr. C. L. Rans very kindly presented me May 1st with "Folk Lore of Plants" as a recognition for my services in his Mt. Desert Flora. A. V. Patterson lately has sent me 310 species of Man. Plants + Fossils & Grasses & Noctua.

Rumex acetosella, L.

Fl. Fence Row - Cambridge. Brewster St. May 24.

- June 5 - 1889 -

- Cambridge, Mass. -

Lepidium ruderale, L.

Garden St. Opp. Arsenal.

Roadside -

Lycium reptans, Sibth.

Garden St. Fence Row -

Tide Bluff on

Lepidium ruderale, L.

Roadside by Concord Ave. Coty. Ab!

- 1889 -
June 9
- Cambridge, Mass. -

Worked to Fresh Pond & back - Got tired.
Yesterday, letter from Mr. May, he will
stay another year at Umanca - Rose & wife
from Washington -

Lepidium ruderalis

Abundant fence rows, Concord Ave. Between the
brick yard & Fresh Pond -

Myrica Gale, L.

♂ & ♀ branches - from the clump of May 1888
They show scars of ♂ fl. & the various position of fr.
calyx

Leaves from the ♂ & ♀ plants of Apr. 29 last.
Nasturtium s. vestre, R. Br.

Fence rows, field, Read estate, 1700 May 14-1888.

June 21-1889 -
Cambridge - Mass.

Saw Mr. Watson at the Garden this P.M. -

Lepidium ruderalis, L.

virginicum, L.

Waste ground - Dump -

- June 24 -
Cambridge, Mass. -

Solanum dulcamara, L.

Scum album, Gmel.

Senecio vulgaris, L.

Medicago sativa, L.

Grassy field off Brewster

. 1889.

- June 26 -

- Cambridge, Mass. -

Thlaspi arvense, L.

In cultivated land. At Father's.

- June 30 - Cambridge.

Vacation began June 20th. On July 2nd we are off for East Gaffney, N.H. The town is 1032 ft above sea level. Mr. Monadnock is 3418 ft high. We go to Mrs. A.D. Pierce's boarding house. Mr. & Mrs. C. Kettell & child will come up to the same house by the middle of July.

Lepidium ruderale L.

Drum. In Duplicates.

Bromus racemosus, L.

Waste ground -

July 2nd
East Gaffney, N.H.

Left Boston by the 3.05 train reaching here by 6 P.M. One mile to the house of Mrs. A.D. Pierce. It is a lovely spot, surrounded by hills & woods. We have a west room. I have a work room quite large, on the east side. Mr. Stoddard the journey well. 5 boarders here now.

Thlaspi arvense, L.

In cultivated land at Father's

Lactuca
Grassy field off Cambridge

1889
- July 3 -
East Taffrey, VT

Rain all day, with short intervals of cessation. I went to the day house, my work room, reading Patrick Henry, & napping. Went down into the meadow before dinner, off the house and probed a little. It is low-lying, cut by ditches. Saw the usual mass of plants, *Scirpus villosus*, *Glyceria flexilis*, etc. Took a short stroll after tea.

Carex echinata, Murr. var. *microstachya*, Boeckl.

Boys off the house -

Carex

Meadow

July 4 - 3 Taffrey -

Rain most all day. Took a 3 mile walk before dinner. Saw nothing of special interest botanically. Scenery very lovely. Wind & some clouds during the day. It cleared up by sunset and I saw Mt. Monadnock for the first time rising in the West.

Primulus virens, L. } Growing by a brook -
(over a mill, Tuckerman.) }

July 5 - 2 Taffrey -

Clear, cool, glorious day. In AM. walked out the Cadis to a hill some 2 km. off where was a grassy view of the Mt. with Thoreau's Pond in foreground. Strolled over hill & woods off house in PM.
Hemerocallis fulva, L. Hillside not far from a ruin of a house
Carex echinata, Murr. var. *microstachya*, Boeckl. Boys -
Meadow

- 1889 -

223

July 6.
East Taffrey, N.H.

A most perfect day - Took a short stroll 11 A.M. and P.M. by the brook and in the woods on the Dublin Road near the house. The Yew is very abundant filled with its red fruit. Finished *Capitane Trifolgar*.
Ranunculus aquatilis, L. var. *trichophyllus* ~~Chenop.~~ Gray -

In a clear running brook
Sisyrinchium angustifolium, (L.)

Open field
Delibanda repens, L.

Rich woods -

Clintonia borealis, Raf. Fruit Rich woods -

July 7 - East Taffrey.

Pleasant day. Thunder shower in the P.M. This A.M. wrote letters and took a walk through the woods N.W. of the house and through the meadow on the Dublin Road. Have begun Thoreau's "Cape Cod" -

Tricentales Americana Pursh. P.B. Fruit - Woods

Brachyelytrum aristatum Beauv. Damp ground border of woods

July 8 - East Taffrey -

Pleasant day cloudy. slight rain in the P.M. Found out this A.M. that my new suit was stolen from the express station Saturday. Went to the station and found that the thief had entered by the window, examined what it was in a heap of coats and stole my suit (\$45). I was a little surprised as I have seen the suit in the window. In the P.M. drove to the lake. The lake is very beautiful and the view is fine.

- 1877 -
 - West Jaffrey - July 10 -

Pleasant day, clear, about 70° - I had
 it made the A.M. in Dublin Road and the
 water of the river - I had a letter
 from B. L. Thompson & M. W. Jaffrey.

Thymus Thymus, L. (Thymus) (Thymus) (Thymus)
Camphila, Nutt. (Thymus)
Eleocharis acicularis, R. Br. (Thymus)

This plant grows in the
 ditches in the meadow, in one place almost choking it.
 It is, I think, the same as what I got in the
 River a few years ago and couldn't get the name.
 It roots in the mud and has a running root-stock.
 It shows no sign of fruiting.

- West Jaffrey - July 10 -

Disagreeable day - Clouds heavy & so. Wind in
 the A.M. Read Thoreau's "Cape Cod" in the A.M. &
 changed clothes - In the P.M. took down to the
 open my coat & took a walk & received to my
 mind. Co. will doubtless pay me, in full. I
 then like the Rotterdam road, in P.M. then the
 cross road to the Dublin road, then straight home
 1/2 5 m. walk in all. I had 7 letters this day.
Hypericum munitum, R. Br. (Thymus) (Thymus) (Thymus)
Hypericum munitum, R. Br. (Thymus) (Thymus) (Thymus)

- West Jaffrey, July 11

Rain, rain, rain - I laid at home and read
 "Cape Cod" & "Russia" - I took to the station in P.M.
 to meet Mrs. W. Jaffrey - She did not come.

1889.
July 12 -
East Jaffrey, N.H.

Sun at East - Glorious day, clear, fresh breeze.
This A.M. walked to P.O. Then to Jaffrey Centre and
by the new road is the road leading through the
In one place by the roadside just before turning left
that I saw *Carex* at once. It had escaped from me before
and was flourishing in the by pass. No house was near.
I saw it in a similar situation near a house on the
long road to Jaffrey and I have seen in other places but
in the P.M. road and was to the station.
Kettell, child & nurse who arrived in the 5.36 train.

Carex *Carex*. L.

Abundant by the roadside near Old Jaffrey.
Very beautiful. It is a very -
- July 13. E. Jaffrey, N.H.

Perfect day. This A.M. I drove with Mr. & Mrs. Emerton
to the village and then round Gilmore's Pond a very
pretty sheet of water beyond Old Jaffrey. In the
P.M. wrote to Mr. Maynard my 12th letter. Went to
the station to meet Mr. Kettell.

Cicuta maculata, L.

I took specimens of this and some others
to send E. L. Greene who wants to study the Genus.
They came from roadside beyond Old Jaffrey -
Habenaria lacera R.Br. Roadside -

1887.
- July 14 -
- East of Spray, N.H.

The sun rose clear & bright - This morning and the day has been a very pleasant one. As regards weather - an adventure. I staid at home this A.M. reacting 4th. After dinner Mr. Rettell & I left the house by 2.15 in an open wagon for Mt. Monadnock. Mr. took us to the foot, and I went on a road kept open by the Mountain House with us to the House. We went up the mt. where we put up the horse. A tramp of one mile took us to the summit some 2000 ft. above the house, the mt. being 3715 ft. above sea level. The vegetation was extremely northern as we ascended and some 1000 ft. from the summit the growth is composed of a few very small shrubs, and small herbs, *Vaccinium Pennsylvanicum*, *Sambucus racemosa*, *Andros hippida*, *Potentilla tridentata*, and near and on the summit, *Arenaria Groenlandica*, *Juncus trifidus*, *Poa serotina*, *Poa caesia*, var. *stricta*, *Eriophorum gracile* found the main part. The mt. top consists of bare rock & boulders while the immense back of the mt. extends for 5 miles. The *Juncus* grows in dense bunches among the rocks and in the conspicuous plants on the flanks. On the N. slope I passed (*Aca. montanum*, fr.) *Betula picea* & *papyrifera*, *Populus Americana*, *Solidago thyrsoides* (young), *Heptasteris*, *Carex canescens*, var. *alpicola*, and the more common.

The view was grand - Home by 7.45 P.M.

Arenaria Groenlandica Spreng.

Juncus trifidus L.

Eriophorum gracile Koch.

Poa serotina Ehrh.

Poa caesia, var. *stricta* Gray.

Potentilla tridentata Sol.

Solidago Virgurea L. var. *alpina* Bied.

Carex canescens L. var. *alpicola* Wahlenb.

Heptasteris rosea Michx.

Sambucus racemosa L.

Monarda fistulosa L.

by a pool -

} Fide July 1889 Di. Vasey
} sp. sens. him.

Summit of Monadnock

} Woods near 3000 ft. high on mt.

} In my books near summit of mt. (49)
} Rock side near our house

X very wet
July 20-1887
The 2 -
1 mi. from
in
the U.S. 3169.3 ft.
acc. to Sarnett's Dictionary of Altitudes of
the U.S. 3169.3 ft. in measurements

1887
- July 15 -
East Gaffney, N.H.
101

Pouring rain all day. Spent the day with my plants
dinner & read in the P.M. & evening. Mr. Kettell took the
early A.M. train for Boston -

- E. Jaffrey, July 16 -

Clear, bright day. This A.M. went in the
woods on the Dublin Road, east side. Read in
the P.M.

Taxus bicolor, L. var. *canadensis*, Gray -
Ranunculus acris, L. - Akeens - Roadside.

- E. Jaffrey, N.H. July 17 -

Clear, cool day. This A.M. drove to the village
for the mail. Then drove with William & Arthur
to a farm off the Dublin Road, some 2 m. from
here and walked back to dinner. Read, & ana-
lyzed plants with Mrs Kettell in the P.M. Walked to
the P.O. in the evening.

Urtica maynensis, Rostk. R. - Side 1/2 way to village.

E. Jaffrey, N.H. July 18

Clear day. Warm in the sun. This A.M.

Drove to the farm of yesterday and spent a couple
of hours in the border of Great Pond. A pretty
sheet of water trees & bushes to the edge. The ordinary
growth of *Carex* the Pond, *Fragaria virginiana*, *Linnaea borealis*,
Cassiope, *Desmodium* od. *Verbena* etc. This P.M. worked at

Mrs K. on the east of house, some 1/2 way to village.
In water, Great Pond -

Spartina *Scirpus*, Willd. *Bidens* "
Chenopodium strictum Lam. " " " "

* The *Carex* was not in dense
patches, but covering a
patch some 10-15 rather
small, the plants being an
inch or more apart.

- 1899 -
 - July 19 -
 E. Jaffrey 1899.

Clear, bright day, rain in the evening -
 This A.M. Mr., Mrs. K. & I walked up the
 Linn Road and returned over the fields -
 Read considerably today in Emerson's
 Wrote to the P.C. this P.M.

Monarda fistulosa, L. Roadside.

E. Jaffrey, N.H. July 20.

Rain all the A.M. Clear in the P.M.
 I strolled & read - J.K. (husband) did not
 come as I expected - Mr. Kestell arrived -
 I put into press a fine printing specimen
 of *Face. canadensis* coll. near by Arthur Pierce.
Lyxus bacata, L. var. *Canadensis*, Gray - 11/20/99.

- E. Jaffrey, N.H. July 21 -

Clear, cool day - This A.M. took a short walk
 with Mr., read & wrote - In the P.M. Mr. & Mrs. K. & I
 rode to the village and took some photographs by
 the way -
Libanthe repens, L. 11/21/99.
Lyxus bacata, L. var. *Canadensis*, Gray. + berries

E. Jaffrey, N.H. July 22 -

A perfect day, clear and calm. Rather warm -
 Started for Minadunk with Arthur Pierce at
 10 A.M. Drove to the Mountain House by 11.30.
 Climbed to the summit by 1.15. The views were
 simply indescribable. Lunched on the summit.
 There was scarcely a breath of wind on the top,

at the top it is interesting. The summit is a
 rocks and whatever vegetation there is, is found
 in patches between the rocks. 6 in. will
 cover the height of the plants. There are springs
 very close to the summit and hence wet soil.
Phacelia, var. *stricta*, is abundant
 growing in a bed of it. The chief growth
 on the very top, however, is *Juncus triflorus*,
 in dense clumps. *Poa serotina* is plenty and
 also the pretty *Arenaria montana* in full flower
 now. *Solidago* grows here & there all over
 the summit while *Passerina Vitis-Idaea* grows
 considerable beds and occurs down to the line
 of trees some 1/2 m. from the summit, its berries
 turning red. *Rhododendron Rhodora* is plenty
 on the steep slopes and by a spring of crystal
 water near the top I found *Adiantum*
caespitosum, var. *alpica*, varying towards
 var. *subarctica* grows in steep places. I found this
 also in the woods nearly as far down as the Mt.
 House 1 m. from the summit. Small pools of surface
 water are scattered about on the top and by one
 of these I found a small form of *Trichophorum*, scarce
 quite abundant. *Potentilla tridentata* occurs from
 the summit to the line of trees. These are the
 leading features of the phanerogam vegetation of the
 summit. Mt. Mansuetudo, 3715 ft. above sea level.
Solidago Virgaurea, L. var. *alpica* Bgl. Summit of Mt. Mansuetudo
Poa caesia, var. *stricta*, May. }
Phacelia, var. *alpica*, May. }
Polytrichum commune, L. } sides
 of the Mt. }
 July 14. }

Summit of Mt. Mansuetudo
 July 14. 1877

- 1879 -
- Jan 23 -
- 10, 56 York, N.H. -

Pleasant day - Thunder storm at noon.
 Went out & rested this A.M. In the
 P.M. I drove to the P.O. and then
 up to Frost's Pond where I investigated
 the Carex I collected on the 18th. I
 had heard from L. H. Bailey, in regard
 to the Carex and he says it is Dewey's
 (C. stricta) and he wants me to report
 more fully on it. It is abundant on
 the side of the pond I visited and does
 not grow in dense tufts, but scattered, one
 or two producing from 1 to 5 or 10 plants
 of various sizes & maturing stalks. Below these
 little tufts is a space of from 1 in to 1 ft.
 The leaves all wither here as they grow
 and a green border is thus formed along
 the shore. I am going to Cambridge

are *Stricta*, Lam. } Same of Last End

Monarda fistulosa L. - Roadside

July 28 - East Jeffery. N. D.

I went home by the 7 A.M. train Wed. the 24th
and stayed at Mother's, till yesterday the 27th.
Father is very weak and continues the same,
I had come on Wed. and returned to Chicago
yesterday. I went to the Garden 3 times,
and saw Mr. Bates & W. F. Gannoy. Returned here yesterday

Medicago sativa L. Fred, Brewster Pl. Ludwig man. 1
Pennsylvanica L. f. Fred. 1

Arlington - 100 acres Garden
Cambridge - 1000 Wood in Flocks
Garden - 1000 a mile from

- 889 -
 - July 28 -
 East Jaffrey N.H. -

The weather was simply magnificent both here and in Cambridge on the 24-25-26 - Heavy rain all the 27th. To-day has been ~~clear~~ though it is not in the 1.47 till a 3 m. walk this A.M. through Low Lane and the Dublin River. ~~Sticks~~ in the rain on my plants and wrote in the P.M. -

East Jaffrey N.H. July 29 -

Heavy clouds all day. Air thick and muggy. Heavy rain storm set in by 4 P.M. and lasted till late in the evening. Walked in the village this A.M. Received from the ticket agent at the station the money for my stolen ticket. Read and wrote in the P.M. & evening. Analyzed with Mrs. K. *Impatiens*, *Lobelia* & *Lysemachia stricta*. Very interesting letter from McDonald - Reed Sayre's *Ab. in Loro*. Cicuta all fern, L. Shore of Conitocook R. -

East Jaffrey N.H. July 30 -

Rain, rain all day - Very showery in the A.M. & steady rain in the P.M. This A.M. went to Squantum 3 m. with Arthur & Charlie for mud flat. Remained there about 1 hr. and I did a little botanizing in the woods. The Cardinal Flower is out. ~~Very~~ Gorgeous color! Home is dinner - With my plants, book and letter - writing in the P.M. and evening -

Glyceria elongata, Trin.
Aspidium spinulosum Lutz.
Sagittaria variabilis Engelm.
Desmanthus (L.) Kalm.

woods

By bank -
 roadside -

1877.
 May 31 -
 E. J. Jeffrey, N.H.

Rain, rain all day not heavy with occasional stops - I did some collecting to day in the woods & pastures near by, chiefly for F. E. McDonald -

- Geranium asperum*, Michx. } Roadside
Prunella cuneata, L. }
Aspidium dendroideum, Mx. }
 " *clavatum*, L. }
 " *annatum*, L. } (1877)
Trillium erythrocarpum, Mx. (Fr.) }
Panopanthus Canadensis, DC. (Fr.) }
Linum Canadensis, L. (Fr.) }
Malva procumbens, L. (Fr.) } woods - Fr. pasture.
Agropyrum repens, L. } Meadows
Sporobolus serotinus, Gray. }
Eriophorum Americanum, Michx. }
Rubus villosus Ait. var. *humifusus*, T. & G.

- E. Jeffrey, N.H. Aug. 1 -

Rain, rain all day with lucid intervals. Clouds heavy continuously - Went into the woods this AM. with Charlie and collected Gold Thread - In the P.M. read and went up to Mr. Plummer's Bull with Arthur.

- Coptis trifolia*, Salisb. }
Carex lasiocarpa, Desv. } Woods
Tanacetum procumbens, L. }
Betula alba, var. *populifolia*, Spach.

1889

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Aug. 2-

- East Jaffrey, N.H.

A very pleasant day light breeze with the sun under clouds all day. This A.M. I drove with Charlie to the Saw Mill on the Peterboro Road for Sawdust. I came home but brought back lumber instead. The Contoocook River is very beautiful by the Mill and all along in Jaffrey. Strolled up to Love Lane this P.M. Thunder storm in the evening. D. & Mrs. Coolidge arrived this P.M.

Oicota bullifera, L. By Cheshire Pond
Polypodium vulgare, L. } Rocks by the River
Phlegopteris polypodioides, Fee
Erodium cicutarium, R. Br. Woods by roadside
Pinus strobus, L. f. ^{from melanocarpa, Hook} Roadside (Black Fruit)
Viola pubescens, Nutt. Woods, in Love Lane
Carex virescens, Muhl. }

- East Jaffrey, N.H. Aug 3 -

Thunder storm all day long! During the intervals I went in the meadow and botanized a little. Never saw heavier showers. Terrible thunder storm.

Oxycoccus, L.
Viola blanda, Willd.
Lactuca leucophylla, Gray Fruit
 " *Lactuca* ^{hirsuta} Muhl. Fruit flowers & leaves from same plant. 40 high. leaves all mucous to pericarp.
Solidago juncea, Ait. f Roadside -
Trilobium repens, L.
Brunella vulgaris, L. Fruit.

Aug. 4 -
East Nahkes, N.H.

A perfect day, sun as bright as
this A.M. - began with Charles & Father
in Long Pond where we went in
bathing and had a good swim. In the P.M.
Mr. Kettell & I went up to Mr. Plummer Beebe's
and visited the bull "Tim" a Thoroughbred
Horse. Took 2 photographs of him and
one of a bull calf. Tim & I examined my
specimens in the evening and then put the plants
into the -

Malvastrum Americanum, Mx. Roadside -
Coccyzus cornutus, L. Pasture
Viola sagittata, Ait. Open ground by Long Pond.
Castanea calyculata, Don. Bf

E. Jaffrey, N.H. Aug. 5 -

Rain rain, all day with clear sunset. This A.M.
I donned my rubber coat & boots and tramped about
in the meadow & woods. 16 to 18 flowers &
the fruit & seed -

Viola sagittata, Ait. meadow
Hb.

Antennaria punctata, L. meadow, to show delisescence.

E. Jaffrey, N.H. Aug. 6 -

Sun warm and bright all day - This A.M. a party of us drove up to the
Mt. House on Monadnock, returning to dinner at 2.30. I strolled
a little in the woods there. Dried blotter in the sun in the P.M.

Vaccinium Pennsylvanicum, Lam. Fruit with bloom -
Polygonum cilinode, Mx. Fruit } Mt. Side - Jaffrey
Polypodium vulgare, L. True fruit
Betula picea Mx. Fruit. Roadside, Jaffrey -

- 1889 -

Aug. 7 -

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East-Jaffrey at the

A glorious day, sun high in the sky. Stayed
at home all the day. In A.M. dried the plants in sun. Read
Waller's Dissertation. Read a B.M. and took a stroll at
11 into the woods. Walked to the village in the evening.
Lycopodium clavatum, L. } Woods -
" *complanatum*, L. }
Prunus Virginiana, L. Fruit roadside... Very abundant.

- East-Jaffrey at the Aug. 8 -

A glorious cool sunny day. Cloudy by sunset.
This A.M. a party of us drove to Dublin by the
road past St. Patrick's, and Dublin Road and home
by the lower road, passing near Frost Pond. The
views were extremely beautiful all the way -
I strolled into the woods in the P.M. dried the plants -
Lycopodium clavatum, L. } Woods -
" *complanatum*, L. }

- East-Jaffrey at the Aug. 9 -

Pleasant day, but cloudy - This A.M. M. & I
went over to the woods opposite the house - In
the woods *Lycopodium complanatum* carpet the ground
while *L. dendroideum* is abundant. Saw no other L.
In the woods on the Dublin Road, *L. clavatum* &
complanatum carpet the ground. There is a little
L. dendroideum but I have seen no *L. complanatum*.
In the P.M. went into the Dublin woods -
Lycopodium dendroideum, Mx. } Woods -
Gaultheria procumbens, L. }
Trillium erythrocarpum, Mx. }

- 1889 -

- Aug. 10.

- East Jaffrey N.H. -

Cloudy, threatening, but no rain. Sun shining, but through intervals. Staid near the house today, reading, not attending to my plants.

Betula papyracea, Ait.

Fruct. - Roadside - Tree some 12' in diameter.

- East Jaffrey N.H., Aug. 11 - Sunday

Clear, bright and dry. This A.M. a few of us went up to the farm by First Road and Mr. Kettell photographed Mrs. Pierce's gleaming Jersey bull "Lard". In the P.M. I read -

Potentilla tridentata, Sol. Fruct. - Growing abundantly in the pasture by First Road.

Gaylussacia resinosa, Torr. & Gray, Fruct. - Pasture by First Road.

East Jaffrey N.H., Aug. 12.

Clear, bright and dry. This A.M. Mr. A. took a walk through the woods. I climbed to the top of a tall *Betula lenta* tree for fruit.

I also went into the woods off the house.

Went to the depot fence in the P.M.

Betula lenta, L.

" *papyracea*, Ait. (Buck) } Roadside

" *alba*, L. var. *populifolia*, Sp. A.

Lycopodium complanatum, L. Woods -

Herniaria paniculatum, L. Woods.

Betula lenta Mx. f. Roadside.

- 1889 -

- Aug. 18 -

237

- East. Taffrey, N.H. -

I went to Cambridge on the 13th and returned here yesterday p.m. I stood at mother's. - Father is very weak but he does not now suffer pain and keeps about the same day by day. The 13th weather cloudy - 14th & 15th rain & mist. 16th & 17th clear. Wed. evening the 14th I showed by Herbarium to 5 ladies & gentlemen. - Campy to Mr. George. Dined with J. R. Churchill in Boston, the 15th. Set Quaker for Mrs. Anthony, Wallaces "Darwinism" - (ills) - H. H. Riddle. To-day weather pleasant. I stand at home all day owing to rheumatism in the right heel. Havent been able to put it to the floor all day - Read Mrs. Alexanders "Crooked Path".

Mexico sativa L. Fruit. Cambridge Aug. 10-

- East Taffrey N.H. Aug. 19 -

Cloudy, but pleasant - Heel better, can walk by easing it. This A.M. went through the woods in front of the house. This P.M. Drove Mrs. Kettell & Bessie Bent to Mr. Plummer Peirce's to deliver the photos of the Bull - Fine view from their hill -

Galium asprellum, Mx	} Roadsides
Epilobium sp. Mx	
Desmodium trifidum, Mx	} Open clearing.
Rubus hispidus, L	
Lycopodium lucidulum, Mx	} Rich wood sp. Stearns
Brachyelytrum aristatum, P.B.	
Lycopodium clavatum, L.	Woods

- 1889 -

- Aug. 20 -

- East Jaffrey N. H. -

A pleasant, rather warm day - This Am. Bessie
Paul & I walked over the hill to Pollard's and
then across the fields to the Grist Mill. Paul the
same way. The views by the river are beautiful -

I stayed at the Hog Root for Bessie. In
the P.M. I wrote letters. Have received at once
letter from Mr. May's yesterday. Also from Mr.

Donald today. He is collecting "Tremula" & "Saxifraga".

Scorus Calamus, L. - Bog near Pollard's
Urtica foliolulata, L. - Low field

Hypoxis Americana, L. - Low ground by river.

Kalmia angustifolia, L. - Open field -

- East Jaffrey N. H. Aug 21 -

Clear Am. Sunny P.M. I was at Mr. May's

walked up the Dublin Road a short way.

In the P.M. A party from Grove & Kingle
stopped and bought some pink rocks there
Aceracium seabum, Mx. Roadside

- East Jaffrey N. H. Aug. 22.

Slightly hazy. air balmy and pleasant -

This Am. Mr. Hawes, Mr. Kettell, Bessie & I

drove to Dublin where we dined. Visited a de-

lightful old garden. Saw a fig tree full of figs.

Returned home in time for supper.

Tragopogon pratensis, L.

Roadside near hotel Dublin.

Campanula aparinoides, Pursh.

Boggy ground. East Jaffrey

East Jeffery, N.H.

Sunny most of the day - but hazy - I spent
the day in the hay field, trying to mow
and raking. Dried my flowers in the sun.

East Jeffery, N.H., Aug. 24 -

Sunny and pleasant, but hazy - This A.M. I walked
through the woods off the house for some distance.
Saw in a meadow one *Gentiana crinita*. Saw a
skunk in the woods searching in his hole. He
poked his head out occasionally and looked at me
as I stood 3 ft. off the hole.

a stone at him and he vanished. In the P.M.

I wrote labels and went over the meadows on the
Dublin Road. M.R. arrived this evening.

Lycopodium lucidulum, Mx }
" *clavatum* L. }
Monarda fistulosa L. } Roadside.
Potentilla Claytonii, Tuckerman }
" *pusillus* L., var. *tenaximus*, M. & R. }
Prunus serotina, Ehrh. } Roadside.

East Jeffery, N.H., Aug. 25 -

Pleasant day, light clouds - wrote letters most of
the morning. Shades changing flowers -
In the P.M. read & wrote labels and took a
short walk with Bessie Bent.

Aug 25
- East Jaffrey, N.H. -

The morning opened with a mist but soon broke up the sun coming out, and the day has been a more perfect one. This A.M. I drove up to the King Farm with Charles & Arthur. I then spent a couple of hours botanizing in the meadow and on the road near by. Picked some blackberries for tea. I never saw such quantities - Wrote labels & read in the P.M. Letter from E. L. Vase & from Mr. Reimer, W. T. *Hedichium spathaceum*, Desf. Bog. *Aster Nov. Belgii*, L. Wet ground - *Carex stricta* Willd. (= *capitata*), Bog. Fruit for pocket. *Graptocarpus alpinus* L. Banyan - *Prunella Virginiana* L. Fruit Roadside.

- East Jaffrey, N.H. Aug. 27 -

A more glorious day clear and bright, fog in the early morning. Started for the train for Peterboro this A.M. to dine at the Meadows but mistook the time and lost the train. Botanized in the meadow before dinner. Wrote labels this P.M. and went out to the hill to see the sunset. *Solidago bicolor*, L. - Meadow. *Aster puniceus*, L. - Roadside. *Botrychium ternatum* L. var. *Thermophilum*

- 1859 -
 Aug. 28 -
 - East Gaffney N.H. -

A perfect day, clear & cool, air bracing.
 Ten Am. I potanized about the house and laid
 the shorter fine plants to sun dried ones. This P.M.
 Mr. K, M, & I went to some Pine trees and read -
Potamogeton Spirillae Tuckerm. Brook.
Galium angustifolium, L. Pasture
Botrychium ternatum Lutz. on. "
Larix Americana Mx. Pasture - Same tree as July 31 -
Galium asprellum, Mx. Roadside
Hypericum Canadense, Mx. Pasture

Hieracium Americana, L. "

- East Gaffney N.H. Aug. 27 -
 A stormy day, heavy rain & high wind.
 Did a little work, but nothing new. Plants in
 garden, mostly for seed, etc. etc. etc. etc. etc.
Linum catharticum, L. - on stone.
 - East Gaffney N.H. Aug. 30 -

A very warm day, clear, cloudless, comfortable in
 the shade. Worked all day on my plants.
Galium Italica Kunth I took this from a field
 of *Hypericum* near the house that was cut off by the
 road an average specimen. It was in the P.

- East Gaffney N.H. Aug. 31 -

Fine day, warm - no rain. Took the Am. for Peterboro. arrived
 about 4 o'clock. Found at the house a few plants etc. etc. etc. etc. etc.
Galium America, L., Spontaneous in Garden. Peterboro -

- 1887 -
 Sept. 1 -
 - East Gaffney N.H. -

A perfect day, rather warm - Air hazy -
 This A.M. I walked to the King Farm and
 then through the fields to the road returning
 home by noon. I saw some fine black-
 berries & the oak (the common white oaks)
 in the field. I saw many plants and
 went up after the cows with the boys.
Galium asprellum Michx. Roadside
Polygonum sagittatum L. Hedge ground.
Urtica dioica L. Field.
Bidens floribunda L. Roadside
Urtica dioica L. Hedge ground.
Polygonum ternatum Sw. Field

- East Gaffney N.H. Sept 2 -
 Pleasant day, warm, hazy. Being late for
 Mr. K. I did not go (Monday). He took photos of
 the oak leaves. In the afternoon I went
 around the fields. Then I rode back to the
 farm. A Gaffney horse up riding the fence
 and some of the upper end through some trees.
 Mr. & Mrs. C. & William were over this
 afternoon. I am slightly lame. In the
 P.M. packed a trunk to take to Cambridge tomorrow

East Gaffney N.H. Sept. 5 -
 Warm weather. no rain since the 1st. Went to Cambridge on the 3rd.
 Returned it on the 5th. May 2nd, 1887. Factor is very very weak. It is
 5. I expressed 27 hens to George from here. They all arrived safely.
Medicago sativa L. Hedge ground Cambridge Sept 5

- 1889 -
- Sept. 6 -

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East Jaffrey, N.H.

A warm day, quite windy in the P.M. & cloudy as well as cloudy in the A.M. A few drops of rain in the P.M. May and I walked this A.M. the 3 m. walk, through Lee Lane and home by the Dublin road. In the P.M. wrote letters & read.

<i>Isotria medeolae</i> , Mx	Roadside
<i>Polypogon monspeliensis</i> L.	Ry brook,
<i>Aster diffusus</i> , A.D.	Roadside
" <i>undulatus</i> , L.	"
<i>Rumex acetosella</i> , Ehrh.	Fruit, same tree as Aug 24.
<i>Alexandria scabra</i> , Mx	" Roadside
" <i>paniculatus</i> L	" "

- Greenbridge, Mass. Sept. 7 -

Air misty. I received a telegram this A.M. from Papa to return immediately as dear Father was very ill. We packed up everything and took the A.S. train, leaving at 11:30 and stopping at Cambridge and driving to Father's where we arrived at 6:30. Father is more ailing, but very feeble. We shall sleep at Lucy's.

<i>Lilium, Canadense</i> L.	Fruit, observed in flower. Meadow -	E. Jaffrey
<i>Tabernaemontana coccinea</i> , R. Br.	Fruit. Roadside.	E. Jaffrey

- 1889 -
 - Sept. 17 -
 - Cambridge, Mass. -

Since my last entry we have been
 almost at home. Father continues from
 day to day very weak, without suffering
 really any pain. I have done more
 work on my plants but have not
 begun to press my Geophy ones yet.
 Then I have a large collection from Dr. W.
 Patterson of Man. Plants, and from Dr.
 H. E. Morse of Cal. & Mex. plants.
 H. W. Henshaw called to-day -
Apocynum ~~purpureum~~ *Waste ground Sept. 13.*
Lespedeza capitata Mt. Roadside by North River
 on Cambridge St. Sept. 17

Sept 21 Cambridge -

Weather stormy since the 17th. Father
 continues the same. Chas. H. A. M. I
 went to the Garden this morning, receiv-
 ing a few things. This A.M. I walked to
 Chas. River marsh at the end of College Ave
 by Allen River. *Lespedeza capitata* in
 great abundance in the marsh.
 By College Ave ~~Bridge~~ near
 Watertown
Lespedeza capitata Mt. Roadside, Cambridge St.
 Cambridge

- 1889 -

Sept. 22 -

Cambridge, Mass. -

I went out in the air tracing - I went
 to the pond to visit some *Hama-*
melis growing off the Water Works. It is in
 a place of fruit trees & I found some
 of the same. In the P.M. I started off
 with my gun & baggy and one of my friends
 to hunt for some of the same. We went
 some 2 1/2 m., then back a short distance, then North on the
 Water Works road which we followed in a westerly
 direction to E Lexington. We drove through the town and
 struck a road south, bringing us into Watertown St. and
 into Concord Ave. just below the point where we
 have struck it. The country is gloriously fresh &
 green. We reached home a little before 6 P.M.
 after a pleasant day.

Roadside. Lexington.

Hama-melis *virginica*, L. Lake View Ave. near Fresh Pond.

Sept. 29 - Cambridge -

A mixture of rain & cold weather since the 22.
 Have been in school since the 24th getting ready
 for the opening day, tomorrow, the 30th.
 Father continues extremely weak - no pain -
 I repaired my gun. I have borrowed Father's
 writing press. I have used in the day and
 paper box all my own plants & Patten's for mounting.
 H. W. Wenshan. dined here the 27th.

Cochlearia *veitchii*, L. In vegetable garden 28th
Portulaca *oleracea*, L. " " do Father's.
Monticola *longicauda*, L. " " "

Hama-melis *virginica*, L. p. 245

1887-

- Oct. 1 -
 - Cambridge, Mass. -

School opened yesterday. Father continues
 about the same.

Portentilla Norvegica, L. *Hyotaticus* garden, Father

- Oct. 2 - Cambridge - Mass. -

A cool week. Busy at school - called
 on Mr. Churchill, Thursday (3rd) - This morn
 I walked to Fresh Pond and around
 the Glacialis. I found I was too late for
 the plants before I got to coll. but Mar. 31
 the last year killed all the leaves. I got some
Portentilla for Mr. Donald out it was almost
 too late - but the leaves were gone -
 we have had several frosts -

Hamamelis Virginica, L. By Fresh Pond. Fl. out 5.
Eupatorium purpureum, L. " " " " " " " "

Phragmites communis, Trin 9 ft. high. A clump 20
 10 x 40 ft in growing by Alvine Brook just beyond
 where the Brook runs under the Fitchburg R.R.
 on the Belmont side. I have pressed two
 specimens from the very top of the plant
 and a single leaf 8 ft from the top where
 the plant was growing - The leaves had all
 disappeared 3 ft from the bottom - There was
 but one leaf partly dried, on the plant next
 below, and the same size as the lower one
 I have pressed - Oct 2

Polygonum elaeagnifolium, L. var. *scandens*, Gray
 - fruit. First I found on Fresh Pond. I found
 it on the bank with the water under it -

- 1887 -

Oct. 12

247

- Cambridge, Mass. -

Fine cool weather for the past week. Have mounted & distributed Patterson's plants to Examinees

Father continues the same -

{ 173 sheets

Malva rotundifolia, L. Garden at Father's.

Oct. 15 - Cambridge, Mass

Fine weather.

Tricentella N. americana, L. Repetible garden flowers.
Euphorbia Helioscopia L. "

Nov. 3 - Cambridge, Mass.

During the last 3 weeks we have had much bad weather. I have had as bad a cold and dyspepsia as I ever had. Much better now. I have got in herb all my Jaffrey plants and others collected by myself. Prof. C. Porter has sent me some very nice plants. This A.M. Mr. & I took a walk up to Fresh Pond.

Helianthus macrophyllus, L.

Flowers. Lake View Ave. off. (Chen. Under)

Solidago lanceolata

Fruit - Fresh Pond, Lake -

Lepidium virginicum

Seedling, with old plants in bloom by Fresh Pond.

[Nov. 13 : Father passed quietly away this A.M. at 5.35. It was a peaceful ending of a most beautiful life.]

1889

- Nov. 30 -

- Cambridge, Mass. -

During my leisure moments I have been
poisoning and mounting plants - I still have
to get into my Herbarium collections from
Ratterman, McDonald, Porter, Miss Reynolds
O. A. Farnell & Dr. Hassel so there is much
to do. Besides there are plants to name.
E. L. Rand comes up on Sunday P.M.s to work
on his M. West plants. This A.M. I
worked on some Allen coll. by E. Faxon
at the Gray Herb. Saw Mr. Watson. I have
had beautiful letters from my various
botanical friends about our great loss.

Senecio vulgaris L. Border / sidewalk Brewster.

Teuchea maja Mx. } Coolidge Ave. Same spot as

" " } the sp.s of last Sept. 31

Selecanthus annuus L. By Fresh Pond - Cambridge Nov. 17-

- 1890 -

Jan. 4.

I have just returned from a most
delightful visit to L. A. Bailey, Jr., at Cornell
University, Ithaca, N.Y. I went on Tues.
evening Dec. 31 and left there last evening.
We had a fine time. Saw the various
buildings. Very magnificent. The Univ.
is some 500 ft above the Lake Cayuga
which stretches away to the North.
Went to Triphammer Falls, & Ithaca
Falls the latter 165 ft. high in a

Rest of Jmms. between Dec. 31 /889 & Mar. 31, 1890
in next volume -

Dr. G. G. Kennedy -

met him (see J. M. M.)

1885 July 25 Willoughby Lake - 64.

" Dec 28 Milton - into Barnes

1886 Mar 27

" Apr 25 - May 2 (Trip to Natural Bridge

" June 5 with Barnes to Reedville

" Oct 2 Reedville, Boston trip

" Nov 4 Dined with me -

1887 Apr 23 Set trap to Finnerell.

" May 26 Lunched with him & L. F. Ward in Boston

1888 Feb 2 He was at Dr. Swain's funeral

" Apr 30 Sam been in Boston

" May 27 Murray & I went out to
see him.

" June 9 I went to Milton & we
rode & botanized.

" July 6 Went to Milton with Cullen
& Rose.

" Sept 3 Swales & I to Milton. Drove collecting

1889 Feb 13 Dr R. bot. Rh. at my home

1887, May 27. At Aunt & Lib. with Ward
" " 28 Rectville. Botany
~~Apr 3~~ " Nov. 3 " Have scarcely seen him

Since the winter of summer".
He & Mrs K. have gone suddenly to Europe
to see Dr. K's father & mother who are rich

~~1888 Jan 3~~ { We went out to the house

1887 Dec 29 / I spent the night. I
took a bundle of plants & fern

Cambridge March 7 1917

Dear Deane,

Mr. W. N. Suksdorf, who was committed to the M'Lean Asylum in 1888, at his own request, recently asked me to procure for him a copy of his application for admission to the Asylum. This I obtained, thanks to Dr. Tucker, and I forwarded it to S. He returns me hearty thanks, and in his letter, posted at BINGEN, Washington, he requests me to give his kind regards to Professor Farlow and to Mr. Walter Deane. I send the message to you, machine made. Mrs. Goodale desires me to send her thanks to you

for the Perry letter. *With all good wishes to you both
I remain Yours faithfully, G. H.*